

CROSS REFERENCE

Label format - Product Order Code . . . 87



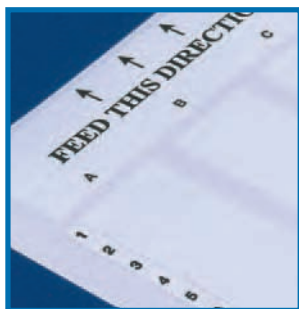
THERMAL TRANSFER LABELS

WP White Polyester	88	NC Nylon Cloth Terminal Markers . . .	110
CP Clear Polyester	90	Kapton Labels	112
HW HighTack White Polyester	92	T1K Standard Polyimide	113
HM High Tack Metalized Polyester . . .	94	T2K High-performance Polyimide . . .	114
MP Metalized Polyester	96	TSK Static-safe Polyimide	115
HMM High Tack Matte Metalized . . .	98	KT T Tan Aerospace Polyimide	116
MV Metalized Void Polyester	100	PVF Polyvinyl Fluoride	118
TN Tamper Proof Polyethylene	102	EP Paper	120
WV White Vinyl	104	VF Clear Tedlar® Overlamine	122
NC Nylon Cloth	106		
NC Nylon Cloth Wire Markers	108		



DOT MATRIX LABELS

C Vinyl Cloth Labels	124
M Metalized Polyester Labels	126
K Kapton Labels	128
E White Polyester Labels	130



LASER LABELS

LE Polyester	132
LM Metalized Polyester	132
LEB2 Polyester	1322

OBSOLETE
NOT the LATEST
REVISION

Label format - Old format order code cross reference

Thermal transfer

Old label format	New product order code	Old label format	New product order code
100	TTP400XX-10	138	XX-080080-10-#
101	XX-381064-10-#	139	XX-178095-10-#
102	XX-381191-5-#	201	XX-381064-10-#
103	XX-699254-5-#	205	XX-191064-10-#
104	XX-762508-2.5-#	214	XX-508127-10-#
105	XX-191064-10-#	230	XX-203127-10-#
106	XX-101165-0.85-#	901	XX-127032-10-#
107	XX-254127-10-#	902	XX-040033-10-#
108	XX-064064-25-#	903	XX-254045-10-#
109	XX-165051-25-#	904	XX-089047-10-#
110	XX-254097-10-#	905	XX-305047-10-#
111	XX-318064-10-#	906	XX-445064-10-#
112	XX-508064-10-#	907	XX-254064-10-#
114	XX508127-10-#	908	XX-095080-25-#
115	XX-254254-10-#	909	XX-208086-5-#
116	XX-095095-10-#	911	XX-508095-5-#
117	XX-508318-2.5-#	912	XX-318097-10-#
118	XX-762381-2.5-#	913	XX-165102-10-#
119	XX-101635-2.5-#	914	XX-445102-5-#
121	XX-523841-1.5-#	916	XX-127127-10-#
122	XX-127111-10-#	917	XX-381127-5-#
123	XX-508254-5-#	918	XX-222159-15-#
124	XX-508508-3-#	919	XX-171171-10-#
125	XX-101508-2.5-#	920	XX-478175-5-#
126	XX-101762-1.8-#	921	XX-699191-5-#
127	XX-101101-1.3-#	922	XX-406254-1.5-#
128	XX-762127-1-#	923	XX-250381-10-#
129	XX-229064-10-#	924	XX-381381-2.5-#
130	XX-203127-10-#	925	XX-610419-2.5-#
132	XX-381020-10-#	926	XX-445445-2-#
134	XX-165051-25-#	927	XX-381635-5-#
136	XX-040040-25-#	928	XX-191762-5-#
137	XX-114040-25-#		

XX = Insert material code from table below. # = Insert color code from table below right.

Examples

	Old part number	New part number
Thermal transfer	101-T1K-10	T1K-381064-10-9
Dot matrix	3-EW10F	E-191064-10-9

Dot matrix

Old label format	New product order code
1	X-165051-10-#
3	X-191064-10-#
4	X-203127-10-#
5	X-254095-10-#
6A	X-508095-5-#
7	X-254127-10-#
8	X-381191-10-#
11	X-699254-2.5-#
12	X-920381-2.5-#
13	X-920254-2.5-#
16	X-203365-10-#
17	X-076191-10-#
B2	X-533064-5-#
B4	X-229064-10-#
B6	X-394064-10-#
E	X-203064-10-#
L1	X-080080-10-#
M	X-381064-10-S1-9
L2	X-064064-10-#
L3	X-095095-10-#
R1	X-508254-4-#
R2	X-673254-3-#
R3	X-508318-3-#
R4	X-673349-3-#
R5	X-762508-1-#
R7	X-165101-1-#
V1	X-127111-10-#
Y3	X-215055-10-#
Y5	X-115064-10-#
Y6	X-154064-10-#
Y7	X-293064-10-#
Y8	X-711064-5-#
Y9	X-121064-10-#
Y10	X-102070-10-#
Y12	X-159079-10-#
Y13	X-533114-5-#
Y14	X-572286-2.5-#
Y15	X-699318-2.5-#

X = Insert material code from table below left.
= Insert color code from table below.

Material codes – thermal transfer labels

CP = Clear polyester	PVF = Polyvinylfluoride (Tedlar®)
EP = Paper	T1K = Standard polyimide (Kapton®) 1 mil
HM = High tack metalized polyester	T1K = Standard polyimide (Kapton®) 1 mil
HMM = High tack matte metalized	T2K = High-performance polyimide (Kapton®) 2 mil
HW = High tack white polyester	T2Y = Modified polyimide
KTT = Tan polyimide (Kapton®)	TN = Tamper-proof polyethylene
MP = Metalized polyester	TSK = Static-safe polyimide (Kapton®)
MV = Tamper-evident metalized polyester	WP = White polyester
NC = Nylon cloth	WV = White vinyl

Material codes – dot matrix labels

C = Vinyl cloth	K = Tan polyimide (Kapton®)
E = White polyester	M = Metalized polyester

Color codes

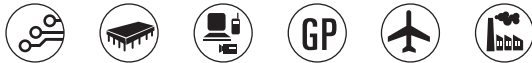
0 = Black	8 = Gray
1 = Brown	9 = White
2 = Red	X = Clear
3 = Orange	1A = Tan
4 = Yellow	2L = Pink
5 = Green	8A = Silver
6 = Blue	
7 = Violet	

WP White polyester labels

Tyco Electronics WP is a thermal transfer printable white polyester film with a permanent acrylic adhesive. It is ideal for bar coding, PCB and component labeling, as well as general purpose labeling applications that require a high durability white label. WP is resistant to a variety of solvents while maintaining print quality. It is UL Listed and print performance and durability are reliable when used with Tyco Electronics 1330-0607 ribbon.

Features and benefits

- Thermal transfer printable
- Excellent for use in PCB component labeling
- Ink receptive topcoat
- Excellent for bar code applications
- UL Listed



Specifications/approvals

Tyco Electronics TTDS-073
Industry UL MH17292 Group PGJ12

Adhesive

Permanent acrylic

Service temperature

-40°C to +150°C -40°F to +302°F

Recommended printer

T300 Series printers

Recommended ribbon

1330-0607-10*

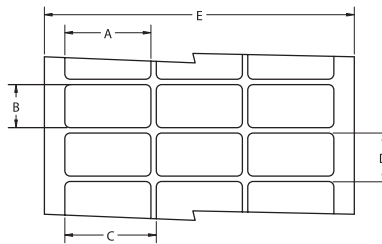
*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

Part numbering system

WP-040040-10-9



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
WP-040040-25-9	25,000	20	4.0 0.157	4.0 0.157	4.0 0.157	7.2 0.281	86.0 3.380
WP-064064-25-9	25,000	12	6.4 0.250	6.4 0.250	6.4 0.250	9.5 0.375	82.2 3.240
WP-080080-10-9	10,000	8	8.0 0.315	8.0 0.315	9.9 0.390	13.3 0.525	83.3 3.280
WP-089047-10-9	10,000	5	8.9 0.350	4.7 0.185	11.4 0.450	7.9 0.313	60.6 2.386
WP-095080-25-9	25,000	5	9.5 0.375	8.0 0.315	12.2 0.480	12.7 0.500	64.3 2.531
WP-095095-10-9	10,000	7	9.5 0.375	9.5 0.375	11.1 0.437	12.7 0.500	82.1 3.230

* NOTE: Standard Format Not Compatible with T200 Printers

WP White polyester labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
WP-127111-10-9	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 <i>0.662</i>	14.3 <i>0.563</i>	86.0 <i>3.380</i>
WP-127127-10-9	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 <i>0.625</i>	15.9 <i>0.625</i>	82.6 <i>3.250</i>
* WP-165051-25-9	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 <i>0.700</i>	8.3 <i>0.325</i>	75.8 <i>2.990</i>
WP-165102-10-9	10,000	5	16.5 <i>0.650</i>	10.2 <i>0.400</i>	19.1 <i>0.750</i>	13.8 <i>0.545</i>	99.1 <i>3.900</i>
WP-171171-10-9	10,000	5	17.1 <i>0.674</i>	17.1 <i>0.674</i>	19.7 <i>0.774</i>	20.3 <i>0.800</i>	101.8 <i>4.006</i>
* WP-178095-10-9	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 <i>0.750</i>	12.7 <i>0.500</i>	80.9 <i>3.190</i>
* WP-191064-10-9	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 <i>0.850</i>	9.5 <i>0.375</i>	89.9 <i>3.540</i>
WP-191114-15-9	15,000	3	19.1 <i>0.750</i>	11.4 <i>0.450</i>	22.2 <i>0.875</i>	14.7 <i>0.579</i>	69.5 <i>2.736</i>
* WP-203127-10-9	10,000	4	20.3 <i>0.800</i>	12.7 <i>0.500</i>	22.9 <i>0.900</i>	15.9 <i>0.625</i>	94.6 <i>3.730</i>
WP-229064-10-9	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 <i>1.125</i>	9.5 <i>0.375</i>	86.0 <i>3.390</i>
WP-254045-10-9	10,000	3	25.4 <i>1.000</i>	4.6 <i>0.180</i>	31.8 <i>1.250</i>	8.5 <i>0.333</i>	95.3 <i>3.750</i>
WP-254064-10-9	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>	87.3 <i>3.436</i>
WP-254097-10-9	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	87.4 <i>3.440</i>
WP-254127-10-9	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	87.4 <i>3.440</i>
WP-254254-10-9	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 <i>1.100</i>	28.6 <i>1.125</i>	87.4 <i>3.440</i>
* WP-305047-10-9	10,000	2	30.5 <i>1.200</i>	4.7 <i>0.185</i>	33.0 <i>1.300</i>	7.8 <i>0.306</i>	69.5 <i>2.736</i>
WP-318064-10-9	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	37.9 <i>1.490</i>
WP-318097-10-9	10,000	1	31.8 <i>1.250</i>	9.7 <i>0.380</i>	N/A N/A	12.7 <i>0.500</i>	37.8 <i>1.488</i>
WP-381064-10-9	10,000	1	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	44.5 <i>1.750</i>
* WP-381127-5-9	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 <i>1.740</i>	15.9 <i>0.630</i>	88.2 <i>3.470</i>
WP-381191-5-9	5,000	2	38.1 <i>1.500</i>	19.1 <i>0.750</i>	43.2 <i>1.700</i>	22.2 <i>0.875</i>	87.6 <i>3.450</i>
* WP-381381-2.5-9	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 <i>1.750</i>	40.8 <i>1.610</i>	88.9 <i>3.500</i>
* WP-381635-5-9	5,000	2	38.1 <i>1.500</i>	63.5 <i>2.500</i>	40.6 <i>1.600</i>	66.7 <i>2.630</i>	84.7 <i>3.340</i>
* WP-406254-1.5-9	1,500	2	40.6 <i>1.600</i>	25.4 <i>1.000</i>	55.9 <i>2.200</i>	38.1 <i>1.500</i>	102.9 <i>4.050</i>
WP-445064-10-9	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	50.4 <i>1.986</i>
WP-445102-5-9	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 <i>0.500</i>	50.4 <i>1.986</i>
WP-445445-2-9	2,000	1	44.5 <i>1.750</i>	44.5 <i>1.750</i>	N/A N/A	47.6 <i>1.875</i>	50.4 <i>1.986</i>
WP-478175-5-9	5,000	1	47.8 <i>1.880</i>	17.5 <i>0.690</i>	N/A N/A	24.4 <i>0.962</i>	66.0 <i>2.600</i>
WP-508064-10-9	10,000	1	50.8 <i>2.000</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	56.9 <i>2.240</i>
WP-508095-5-9	5,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 <i>0.500</i>	57.2 <i>2.250</i>
WP-508127-5-9	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>
WP-508254-5-9	5,000	1	50.8 <i>2.000</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	57.2 <i>2.250</i>
WP-508318-2.5-9	2,500	1	50.8 <i>2.000</i>	31.8 <i>1.250</i>	N/A N/A	34.9 <i>1.375</i>	56.9 <i>2.240</i>
WP-508508-3-9	3,000	1	50.8 <i>2.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	54.0 <i>2.130</i>
WP-523841-1.5-9	1,500	1	52.3 <i>2.060</i>	84.1 <i>3.310</i>	N/A N/A	88.9 <i>3.500</i>	58.2 <i>2.290</i>
WP-610419-2.5-9	2,500	1	61.0 <i>2.400</i>	41.9 <i>1.650</i>	N/A N/A	45.5 <i>1.792</i>	67.3 <i>2.650</i>
WP-699191-5-9	5,000	1	69.9 <i>2.750</i>	19.1 <i>0.750</i>	N/A N/A	23.3 <i>0.917</i>	76.2 <i>3.000</i>
WP-699254-5-9	5,000	1	69.9 <i>2.750</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	76.2 <i>3.000</i>
WP-762254-5-9	5,000	1	76.2 <i>3.000</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	82.3 <i>3.240</i>
WP-762381-2.5-9	2,500	1	76.2 <i>3.000</i>	38.1 <i>1.500</i>	N/A N/A	41.3 <i>1.625</i>	82.3 <i>3.240</i>
WP-762508-2.5-9	2,500	1	76.2 <i>3.000</i>	50.8 <i>2.000</i>	N/A N/A	54.0 <i>2.125</i>	82.6 <i>3.240</i>
WP-762127-1-9	1,000	1	76.2 <i>3.000</i>	127.0 <i>5.000</i>	N/A N/A	129.5 <i>5.100</i>	79.4 <i>3.130</i>
WP-101508-2.5-9	2,500	1	101.6 <i>4.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	104.1 <i>4.100</i>
WP-101635-2.5-9	2,500	1	101.6 <i>4.000</i>	63.5 <i>2.500</i>	N/A N/A	66.7 <i>2.625</i>	107.7 <i>4.240</i>
WP-101762-1.8-9	1,800	1	101.6 <i>4.000</i>	76.2 <i>3.000</i>	N/A N/A	79.4 <i>3.125</i>	104.1 <i>4.100</i>
WP-101101-1.3-9	1,300	1	101.6 <i>4.000</i>	101.6 <i>4.000</i>	N/A N/A	104.8 <i>4.125</i>	104.1 <i>4.100</i>
WP-101165-0.85-9	850	1	101.6 <i>4.000</i>	165.1 <i>6.500</i>	N/A N/A	168.3 <i>6.680</i>	104.9 <i>4.130</i>

* NOTE: Standard Format Not Compatible with T200 Printers

CP Clear polyester labels

CP is a thermal transfer printable clear polyester film with a permanent acrylic adhesive and can be used as an over laminate. Designed for rating plates, nameplates, equipment labels, serial number plates and general labeling applications that require a high durability transparent label. For reliable print performance and durability, use with Tyco Electronics 1330-0607 ribbon.

Features and benefits

- Thermal transfer printable
- Ideal for general labeling applications



Specifications/approvals

Tyco Electronics TTDS-083

Adhesive Permanent acrylic

Service temperature -40°C to +150°C -40°F to +302°F

Recommended Printer T300 Series printers

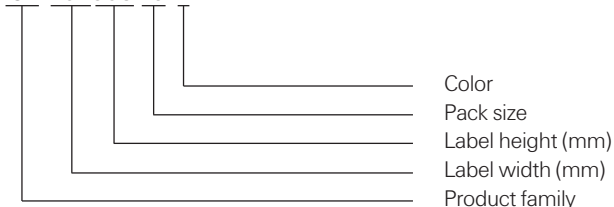
Recommended Ribbon 1330-0607-10*

*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

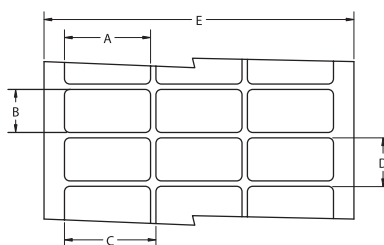


Part numbering system

CP-762508-25-X



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
CP-165051-25-X	25,000	4	16.5 0.650	5.1 0.200	17.8 0.700	8.3 0.325	75.8 2.990
CP-191064-10-X	10,000	4	19.1 0.750	6.4 0.250	21.6 0.850	9.5 0.375	89.9 3.540
CP-229064-10-X	10,000	3	22.9 0.900	6.4 0.250	28.6 1.125	9.5 0.375	86.0 3.390

* NOTE: Standard Format Not Compatible with T200 Printers

CP Clear polyester labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A)		Label height (B)		Horizontal repeat (C)		Vertical repeat (D)		Web width (E)	
			mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>
CP-254097-10-X	10,000	3	25.4	<i>1.000</i>	9.7	<i>0.380</i>	27.9	<i>1.100</i>	12.7	<i>0.500</i>	87.4	<i>3.440</i>
CP-254127-10-X	10,000	3	25.4	<i>1.000</i>	12.7	<i>0.500</i>	27.9	<i>1.100</i>	16.9	<i>0.666</i>	87.4	<i>3.440</i>
CP-381064-10-X	10,000	1	38.1	<i>1.500</i>	6.4	<i>0.250</i>	N/A	<i>N/A</i>	9.5	<i>0.375</i>	44.5	<i>1.750</i>
CP-381127-5-X	5,000	2	38.1	<i>1.500</i>	12.7	<i>0.500</i>	44.2	<i>1.738</i>	15.9	<i>0.625</i>	88.2	<i>3.472</i>
CP-381191-5-X	5,000	2	38.1	<i>1.500</i>	19.1	<i>0.750</i>	43.2	<i>1.700</i>	22.2	<i>0.875</i>	87.6	<i>3.450</i>
CP-406254-1.5-X	1,500	2	40.6	<i>1.600</i>	25.4	<i>1.000</i>	55.9	<i>2.200</i>	38.1	<i>1.500</i>	102.9	<i>4.050</i>
CP-508127-5-X	5,000	1	50.8	<i>2.000</i>	12.7	<i>0.500</i>	N/A	<i>N/A</i>	15.9	<i>0.625</i>	56.9	<i>2.240</i>
CP-508254-5-X	5,000	1	50.8	<i>2.000</i>	25.4	<i>1.000</i>	N/A	<i>N/A</i>	28.6	<i>1.125</i>	57.2	<i>2.250</i>
CP-508318-2.5-X	2,500	1	50.8	<i>2.000</i>	31.8	<i>1.250</i>	N/A	<i>N/A</i>	34.9	<i>1.375</i>	56.9	<i>2.240</i>
CP-699254-5-X	5,000	1	69.9	<i>2.750</i>	25.4	<i>1.000</i>	N/A	<i>N/A</i>	28.6	<i>1.125</i>	76.2	<i>3.000</i>
CP-762254-5-X	5,000	1	76.2	<i>3.000</i>	25.4	<i>1.000</i>	N/A	<i>N/A</i>	28.6	<i>1.125</i>	82.3	<i>3.240</i>
CP-762508-2.5-X	2,500	1	76.2	<i>3.000</i>	50.8	<i>2.000</i>	N/A	<i>N/A</i>	54.0	<i>2.125</i>	82.3	<i>3.240</i>
CP-101635-2.5-X	2,500	1	101.6	<i>4.000</i>	63.5	<i>2.500</i>	N/A	<i>N/A</i>	66.7	<i>2.625</i>	107.7	<i>4.240</i>

* NOTE: Standard Format Not Compatible with T200 Printers

HW High tack white polyester labels

Tyco Electronics HW is a thermal transfer printable white polyester film with a high tack permanent acrylic adhesive. Designed for application to rough surfaces or where increased adhesion is required, HW is also excellent for bar-coding, electronic PCB, component and general labeling applications. The high tack adhesion of HW will bond to the most demanding surfaces, including textured and contoured surfaces. For reliable print performance and durability, use with Tyco Electronics 1330-0607 ribbon.



Features and benefits

- Thermal transfer printable
- Aggressive adhesive for textured and powdered surfaces
- UL Listed



Specifications/Approvals

Tyco Electronics TTDS-076
Industry UL MH17292 Group PGJ12

Adhesive Permanent acrylic

Service temperature -40°C to +150°C -40°F to +302°F

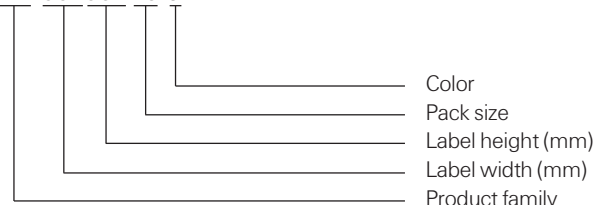
Recommended printer T300 Series printers

Recommended ribbon 1330-0607-10*

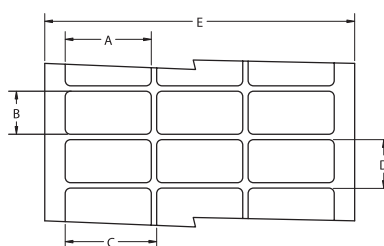
*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

Part numbering system

HW-064064-25-9



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
HW-040040-25-9	25,000	20	4.0 0.157	4.0 0.157	4.0 0.157	7.2 0.281	86.0 3.380
HW-064064-25-9	25,000	12	6.4 0.250	6.4 0.250	6.4 0.250	9.5 0.375	82.2 3.240
* HW-080080-10-9	10,000	8	8.0 0.315	8.0 0.315	9.9 0.390	13.3 0.525	83.3 3.280
HW-089047-10-9	10,000	5	8.9 0.350	4.7 0.186	11.4 0.450	7.9 0.313	60.6 2.386
HW-095080-25-9	25,000	5	9.5 0.375	8.0 0.315	12.2 0.480	12.7 0.500	64.3 2.531
HW-095095-10-9	10,000	7	9.5 0.375	9.5 0.375	11.1 0.437	12.7 0.500	82.1 3.230

* NOTE: Standard Format Not Compatible with T200 Printers

HW High tack white polyester labels

Product dimensions

Product	Package	Labels	Label width (A)		Label height (B)		Horizontal repeat (C)		Vertical repeat (D)		Web width (E)	
order code	quantity	across	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
HW-127111-10-9	10,000	5	12.7	0.500	11.1	0.437	16.8	0.662	14.3	0.563	86.0	3.380
HW-127127-10-9	10,000	5	12.7	0.500	12.7	0.500	15.9	0.625	15.9	0.625	82.6	3.250
* HW-165051-25-9	25,000	4	16.5	0.650	5.1	0.200	17.8	0.700	8.3	0.325	75.8	2.990
HW-165102-10-9	10,000	5	16.5	0.650	10.2	0.400	19.1	0.750	13.8	0.545	99.1	3.900
HW-171171-10-9	10,000	5	17.1	0.674	17.1	0.674	19.7	0.774	20.3	0.800	101.8	4.006
* HW-178095-10-9	10,000	4	17.8	0.700	9.5	0.375	19.1	0.750	12.7	0.500	80.9	3.190
* HW-191064-10-9	10,000	4	19.1	0.750	6.4	0.250	21.6	0.850	9.5	0.375	89.9	3.540
HW-191114-15-9	15,000	3	19.1	0.750	11.4	0.450	22.2	0.875	14.7	0.579	69.5	2.736
* HW-203127-10-9	10,000	4	20.3	0.800	12.7	0.500	22.9	0.900	15.9	0.625	94.6	3.730
HW-229064-10-9	10,000	3	22.9	0.900	6.4	0.250	28.6	1.125	9.5	0.375	86.0	3.390
HW-254045-10-9	10,000	3	25.4	1.000	4.6	0.180	31.8	1.250	8.5	0.333	95.3	3.750
HW-254064-10-9	10,000	3	25.4	1.000	6.4	0.250	27.9	1.100	9.5	0.375	87.3	3.436
HW-254097-10-9	10,000	3	25.4	1.000	9.7	0.380	27.9	1.100	12.7	0.500	87.4	3.440
HW-254127-10-9	10,000	3	25.4	1.000	12.7	0.500	27.9	1.100	16.9	0.666	87.4	3.440
HW-254254-10-9	10,000	3	25.4	1.000	25.4	1.000	27.9	1.100	28.6	1.125	87.4	3.440
* HW-305047-10-9	10,000	2	30.5	1.200	4.7	0.185	33.0	1.300	7.8	0.306	69.5	2.736
HW-318064-10-9	10,000	1	31.8	1.250	6.4	0.250	N/A	N/A	9.5	0.375	37.9	1.490
HW-318097-10-9	10,000	1	31.8	1.250	9.7	0.380	N/A	N/A	12.7	0.500	37.8	1.488
HW-381064-10-9	10,000	1	38.1	1.500	6.4	0.250	N/A	N/A	9.5	0.375	44.5	1.750
* HW-381127-5-9	5,000	2	38.1	1.500	12.7	0.500	44.2	1.738	15.9	0.625	88.2	3.472
HW-381191-5-9	5,000	2	38.1	1.500	19.1	0.750	43.2	1.700	22.2	0.875	87.6	3.450
* HW-381381-2.5-9	2,500	2	38.1	1.500	38.1	1.500	44.5	1.750	40.8	1.607	88.9	3.500
* HW-381635-5-9	5,000	2	38.1	1.500	63.5	2.500	40.6	1.600	66.7	2.625	84.7	3.338
* HW-406254-1.5-9	1,500	2	40.6	1.600	25.4	1.000	55.9	2.200	38.1	1.500	102.9	4.050
HW-445064-10-9	10,000	1	44.5	1.750	6.4	0.250	N/A	N/A	9.5	0.375	50.4	1.986
HW-445102-5-9	5,000	1	44.5	1.750	10.2	0.400	N/A	N/A	12.7	0.500	50.4	1.986
HW-445445-2-9	2,000	1	44.5	1.750	44.5	1.750	N/A	N/A	47.6	1.875	50.4	1.986
HW-478175-5-9	5,000	1	47.8	1.880	17.5	0.690	N/A	N/A	24.4	0.962	66.0	2.600
HW-508064-10-9	10,000	1	50.8	2.000	6.4	0.250	N/A	N/A	9.5	0.375	56.9	2.240
HW-508095-5-9	5,000	1	50.8	2.000	9.5	0.375	N/A	N/A	12.7	0.500	57.2	2.250
HW-508127-5-9	5,000	1	50.8	2.000	12.7	0.500	N/A	N/A	15.9	0.625	56.9	2.240
HW-508254-5-9	5,000	1	50.8	2.000	25.4	1.000	N/A	N/A	28.6	1.125	57.2	2.250
HW-508318-2.5-9	2,500	1	50.8	2.000	31.8	1.250	N/A	N/A	34.9	1.375	56.9	2.240
HW-508508-3-9	3,000	1	50.8	2.000	50.8	2.000	N/A	N/A	54.6	2.150	54.0	2.130
HW-523841-1.5-9	1,500	1	52.3	2.060	84.1	3.310	N/A	N/A	88.9	3.500	58.2	2.290
HW-610419-2.5-9	2,500	1	61.0	2.400	41.9	1.650	N/A	N/A	45.5	1.792	67.3	2.650
HW-699191-5-9	5,000	1	69.9	2.750	19.1	0.750	N/A	N/A	23.3	0.917	76.2	3.000
HW-699254-5-9	5,000	1	69.9	2.750	25.4	1.000	N/A	N/A	28.6	1.125	76.2	3.000
HW-762381-2.5-9	2,500	1	76.2	3.000	38.1	1.500	N/A	N/A	41.3	1.625	82.3	3.240
HW-762508-2.5-9	2,500	1	76.2	3.000	50.8	2.000	N/A	N/A	54.0	2.125	82.6	3.240
HW-762127-1-9	1,000	1	76.2	3.000	127.0	5.000	N/A	N/A	129.5	5.100	79.4	3.130
HW-101508-2.5-9	2,500	1	101.6	4.000	50.8	2.000	N/A	N/A	54.6	2.150	104.1	4.100
HW-101635-2.5-9	2,500	1	101.6	4.000	63.5	2.500	N/A	N/A	66.7	2.625	107.7	4.240
HW-101762-1.8-9	1,800	1	101.6	4.000	76.2	3.000	N/A	N/A	79.4	3.125	104.1	4.100
HW-101101-1.3-9	1,300	1	101.6	4.000	101.6	4.000	N/A	N/A	104.8	4.125	104.1	4.100
HW-101165-0.85-9	850	1	101.6	4.000	165.1	6.500	N/A	N/A	168.3	6.680	104.9	4.130

* NOTE: Standard Format Not Compatible with T200 Printers

HM High tack metalized polyester labels

Tyco Electronics HM is a thermal transfer printable metalized polyester film with a high tack permanent acrylic adhesive, designed for application to rough surfaces or where increased adhesion is required, and applications that require a metal look such as rating plates. The high tack adhesion of HM will bond to the most demanding surfaces, including textured and contoured surfaces. For reliable print performance and durability, use with Tyco Electronics 1330-0607 series ribbon.

Features and benefits

- Thermal transfer printable
- Aggressive adhesive which permanently bonds to both high and low surface energy plastics
- UL Listed



Specifications/Approvals

Tyco Electronics TTDS-075
Industry UL MH17292 Group PGJ12

Adhesive Permanent acrylic

Service temperature -40°C to +150°C -40°F to +302°F

Recommended printer T300 Series printers

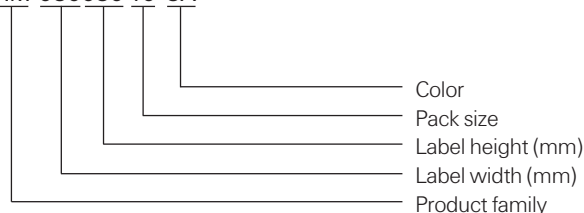
Recommended ribbon 1330-0607-10*

*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

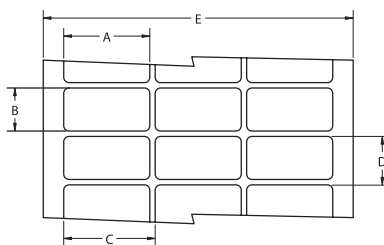


Part numbering system

HM-080080-10-8A



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
HM-040040-25-8A	25,000	20	4.0 0.157	4.0 0.157	4.0 0.157	7.2 0.281	86.0 3.380
HM-064064-25-8A	25,000	12	6.4 0.250	6.4 0.250	6.4 0.250	9.5 0.375	82.2 3.240
HM-080080-10-8A	10,000	8	8.0 0.315	8.0 0.315	9.9 0.390	13.3 0.525	83.3 3.280
HM-089047-10-8A	10,000	5	8.9 0.350	4.7 0.185	11.4 0.450	7.9 0.313	60.6 2.386
HM-095080-25-8A	25,000	5	9.5 0.375	8.0 0.315	12.2 0.480	12.7 0.500	64.3 2.531
HM-095095-10-8A	10,000	7	9.5 0.375	9.5 0.375	11.1 0.437	12.7 0.500	82.1 3.230

* NOTE: Standard Format Not Compatible with T200 Printers

HM High tack metalized polyester labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
HM-127111-10-8A	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 <i>0.662</i>	14.3 <i>0.563</i>	86.0 <i>3.380</i>
HM-127127-10-8A	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 <i>0.625</i>	15.9 <i>0.625</i>	82.6 <i>3.250</i>
* HM-165051-25-8A	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 <i>0.700</i>	8.3 <i>0.325</i>	75.8 <i>2.990</i>
HM-165102-10-8A	10,000	5	16.5 <i>0.650</i>	10.2 <i>0.400</i>	19.1 <i>0.750</i>	13.8 <i>0.545</i>	99.1 <i>3.900</i>
HM-171171-10-8A	10,000	5	17.1 <i>0.674</i>	17.1 <i>0.674</i>	19.7 <i>0.774</i>	20.3 <i>0.800</i>	101.8 <i>4.006</i>
* HM-178095-10-8A	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 <i>0.750</i>	12.7 <i>0.500</i>	80.9 <i>3.190</i>
* HM-191064-10-8A	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 <i>0.850</i>	9.5 <i>0.375</i>	89.9 <i>3.540</i>
HM-191114-15-8A	15,000	3	19.1 <i>0.750</i>	11.4 <i>0.450</i>	22.2 <i>0.875</i>	14.7 <i>0.579</i>	69.5 <i>2.736</i>
* HM-203127-10-8A	10,000	4	20.3 <i>0.800</i>	12.7 <i>0.500</i>	22.9 <i>0.900</i>	15.9 <i>0.625</i>	94.6 <i>3.730</i>
HM-229064-10-8A	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 <i>1.125</i>	9.5 <i>0.375</i>	86.0 <i>3.390</i>
HM-254045-10-8A	10,000	3	25.4 <i>1.000</i>	4.6 <i>0.180</i>	31.8 <i>1.250</i>	8.5 <i>0.333</i>	95.3 <i>3.750</i>
HM-254064-10-8A	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>	87.3 <i>3.436</i>
HM-254097-10-8A	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	87.4 <i>3.440</i>
HM-254127-10-8A	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	87.4 <i>3.440</i>
HM-254254-10-8A	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 <i>1.100</i>	28.6 <i>1.125</i>	87.4 <i>3.440</i>
* HM-305047-10-8A	10,000	2	30.5 <i>1.200</i>	4.7 <i>0.185</i>	33.0 <i>1.300</i>	7.8 <i>0.306</i>	69.5 <i>2.736</i>
HM-318064-10-8A	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	37.9 <i>1.490</i>
HM-318097-10-8A	10,000	1	31.8 <i>1.250</i>	9.7 <i>0.380</i>	N/A N/A	12.7 <i>0.500</i>	37.8 <i>1.488</i>
HM-381020-10-8A	10,000	1	38.1 <i>1.500</i>	2.0 <i>0.080</i>	N/A N/A	10.7 <i>0.423</i>	44.1 <i>1.740</i>
HM-381064-10-8A	10,000	1	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	44.5 <i>1.750</i>
* HM-381127-5-8A	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 <i>1.738</i>	15.9 <i>0.625</i>	88.2 <i>3.472</i>
HM-381191-5-8A	5,000	2	38.1 <i>1.500</i>	19.1 <i>0.750</i>	43.2 <i>1.700</i>	22.2 <i>0.875</i>	87.6 <i>3.450</i>
* HM-381381-2.5-8A	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 <i>1.750</i>	40.8 <i>1.607</i>	88.9 <i>3.500</i>
* HM-381635-5-8A	5,000	2	38.1 <i>1.500</i>	63.5 <i>2.500</i>	40.6 <i>1.600</i>	66.7 <i>2.625</i>	84.7 <i>3.336</i>
* HM-406254-1.5-8A	1,500	2	40.6 <i>1.600</i>	25.4 <i>1.000</i>	55.9 <i>2.200</i>	38.1 <i>1.500</i>	102.9 <i>4.050</i>
HM-445064-10-8A	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	50.4 <i>1.986</i>
HM-445102-5-8A	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 <i>0.500</i>	50.4 <i>1.986</i>
HM-445445-2-8A	2,000	1	44.5 <i>1.750</i>	44.5 <i>1.750</i>	N/A N/A	47.6 <i>1.875</i>	50.4 <i>1.986</i>
HM-478175-5-8A	5,000	1	47.8 <i>1.880</i>	17.5 <i>0.690</i>	N/A N/A	24.4 <i>0.962</i>	66.0 <i>2.600</i>
HM-508064-10-8A	10,000	1	50.8 <i>2.000</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	56.9 <i>2.240</i>
HM-508095-5-8A	5,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 <i>0.500</i>	57.2 <i>2.250</i>
HM-508127-5-8A	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>
HM-508254-5-8A	5,000	1	50.8 <i>2.000</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	57.2 <i>2.250</i>
HM-508318-2.5-8A	2,500	1	50.8 <i>2.000</i>	31.8 <i>1.250</i>	N/A N/A	34.9 <i>1.375</i>	56.9 <i>2.240</i>
HM-508508-3-8A	3,000	1	50.8 <i>2.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	54.0 <i>2.130</i>
HM-523841-1.5-8A	1,500	1	52.3 <i>2.060</i>	84.1 <i>3.310</i>	N/A N/A	88.9 <i>3.500</i>	58.2 <i>2.290</i>
HM-610419-2.5-8A	2,500	1	61.0 <i>2.400</i>	41.9 <i>1.650</i>	N/A N/A	45.5 <i>1.792</i>	67.3 <i>2.650</i>
HM-699191-5-8A	5,000	1	69.9 <i>2.750</i>	19.1 <i>0.750</i>	N/A N/A	23.3 <i>0.917</i>	76.2 <i>3.000</i>
HM-699254-5-8A	5,000	1	69.9 <i>2.750</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	76.2 <i>3.000</i>
HM-762381-2.5-8A	2,500	1	76.2 <i>3.000</i>	38.1 <i>1.500</i>	N/A N/A	41.3 <i>1.625</i>	82.3 <i>3.240</i>
HM-762508-2.5-8A	2,500	1	76.2 <i>3.000</i>	50.8 <i>2.000</i>	N/A N/A	54.0 <i>2.125</i>	82.6 <i>3.240</i>
HM-762127-1-8A	1,000	1	76.2 <i>3.000</i>	127.0 <i>5.000</i>	N/A N/A	129.5 <i>5.100</i>	79.4 <i>3.130</i>
HM-101508-2.5-8A	2,500	1	101.6 <i>4.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	104.1 <i>4.100</i>
HM-101635-2.5-8A	2,500	1	101.6 <i>4.000</i>	63.5 <i>2.500</i>	N/A N/A	66.7 <i>2.625</i>	107.7 <i>4.240</i>
HM-101762-1.8-8A	1,800	1	101.6 <i>4.000</i>	76.2 <i>3.000</i>	N/A N/A	79.4 <i>3.125</i>	104.1 <i>4.100</i>
HM-101101-1.3-8A	1,300	1	101.6 <i>4.000</i>	101.6 <i>4.000</i>	N/A N/A	104.8 <i>4.125</i>	104.1 <i>4.100</i>
HM-101165-0.85-8A	850	1	101.6 <i>4.000</i>	165.1 <i>6.500</i>	N/A N/A	168.3 <i>6.680</i>	104.9 <i>4.130</i>

* NOTE: Standard Format Not Compatible with T200 Printers

MP Metalized polyester labels

Tyco Electronics MP is a thermal transfer printable metalized polyester film with a permanent acrylic adhesive, designed for rating plates and other applications that require a metal look, such as nameplates, equipment labels, detailed product information labels and serial number plates. MP is UL Listed. Print performance and durability are reliable when used with Tyco Electronics 1330-0607 series ribbon.

Features and benefits

- Thermal transfer printable
- Metalized appearance
- Ideal for rating plate applications
- Several die-cut sizes available
- UL Listed



Specifications/Approvals

Tyco Electronics TTDS-074
Industry UL MH17292 Group PGJ12

Adhesive Permanent acrylic

Service temperature -40°C to +150°F -40°F to +302°F

Recommended printer T300 Series printers

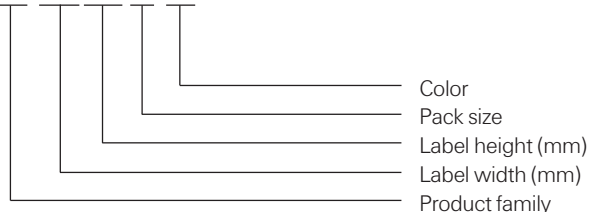
Recommended ribbon 1330-0607-10*

*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

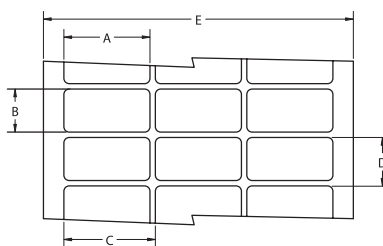


Part numbering system

MP-080080-10-8A



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
MP-040040-25-8A	25,000	20	4.0 0.157	4.0 0.160	4.0 0.157	7.2 0.281	86.0 3.380
MP-064064-25-8A	25,000	12	6.4 0.250	6.4 0.250	6.4 0.250	9.5 0.375	82.2 3.240
MP-080080-10-8A	10,000	8	8.0 0.315	8.0 0.315	9.9 0.390	13.3 0.525	83.3 3.280
MP-089047-10-8A	10,000	5	8.9 0.350	4.7 0.185	11.4 0.450	7.9 0.313	60.6 2.386
MP-095080-25-8A	25,000	5	9.5 0.375	8.0 0.315	12.2 0.475	12.7 0.500	64.3 2.531
MP-095095-10-8A	10,000	7	9.5 0.375	9.5 0.375	11.1 0.437	12.7 0.500	82.1 3.230

* NOTE: Standard Format Not Compatible with T200 Printers

MP Metalized polyester labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
MP-127111-10-8A	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 <i>0.662</i>	14.3 <i>0.563</i>	86.0 <i>3.380</i>
MP-127127-10-8A	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 <i>0.625</i>	15.9 <i>0.625</i>	82.6 <i>3.250</i>
* MP-165051-25-8A	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 <i>0.700</i>	8.3 <i>0.325</i>	75.8 <i>2.990</i>
MP-165102-10-8A	10,000	5	16.5 <i>0.650</i>	10.2 <i>0.400</i>	19.1 <i>0.750</i>	13.8 <i>0.545</i>	99.1 <i>3.900</i>
MP-171171-10-8A	10,000	5	17.1 <i>0.674</i>	17.1 <i>0.674</i>	19.7 <i>0.774</i>	20.3 <i>0.800</i>	101.8 <i>4.006</i>
* MP-178095-10-8A	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 <i>0.750</i>	12.7 <i>0.500</i>	80.9 <i>3.190</i>
* MP-191064-10-8A	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 <i>0.850</i>	9.5 <i>0.375</i>	89.9 <i>3.540</i>
MP-191114-15-8A	15,000	3	19.1 <i>0.750</i>	11.4 <i>0.450</i>	22.2 <i>0.875</i>	14.7 <i>0.579</i>	69.5 <i>2.736</i>
* MP-203127-10-8A	10,000	4	20.3 <i>0.800</i>	12.7 <i>0.500</i>	22.9 <i>0.900</i>	15.9 <i>0.625</i>	94.6 <i>3.730</i>
MP-229064-10-8A	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 <i>1.125</i>	9.5 <i>0.375</i>	86.0 <i>3.390</i>
MP-254045-10-8A	10,000	3	25.4 <i>1.000</i>	4.6 <i>0.180</i>	31.8 <i>1.250</i>	8.5 <i>0.333</i>	95.3 <i>3.750</i>
MP-254064-10-8A	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>	87.3 <i>3.436</i>
MP-254097-10-8A	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	87.4 <i>3.440</i>
MP-254127-10-8A	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	87.4 <i>3.440</i>
MP-254254-10-8A	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 <i>1.100</i>	28.6 <i>1.125</i>	87.4 <i>3.440</i>
* MP-305047-10-8A	10,000	2	30.5 <i>1.200</i>	4.7 <i>0.185</i>	33.0 <i>1.300</i>	7.8 <i>0.306</i>	69.5 <i>2.736</i>
MP-318064-10-8A	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	37.9 <i>1.490</i>
MP-318097-10-8A	10,000	1	31.8 <i>1.250</i>	9.7 <i>0.380</i>	N/A N/A	12.7 <i>0.500</i>	37.8 <i>1.488</i>
MP-381064-10-8A	10,000	1	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	44.5 <i>1.750</i>
* MP-381127-5-8A	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 <i>1.738</i>	15.9 <i>0.625</i>	88.2 <i>3.472</i>
MP-381191-5-8A	5,000	2	38.1 <i>1.500</i>	19.1 <i>0.750</i>	43.2 <i>1.700</i>	22.2 <i>0.875</i>	87.6 <i>3.450</i>
* MP-381381-2.5-8A	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 <i>1.750</i>	40.8 <i>1.607</i>	88.9 <i>3.500</i>
* MP-381635-5-8A	5,000	2	38.1 <i>1.500</i>	63.5 <i>2.500</i>	40.6 <i>1.600</i>	66.7 <i>2.625</i>	84.7 <i>3.336</i>
* MP-406254-1.5-8A	1,500	2	40.6 <i>1.600</i>	25.4 <i>1.000</i>	55.9 <i>2.200</i>	38.1 <i>1.500</i>	102.9 <i>4.050</i>
MP-445064-10-8A	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	50.4 <i>1.986</i>
MP-445102-5-8A	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 <i>0.500</i>	50.4 <i>1.986</i>
MP-445445-2-8A	2,000	1	44.5 <i>1.750</i>	44.5 <i>1.750</i>	N/A N/A	47.6 <i>1.875</i>	50.4 <i>1.986</i>
MP-478175-5-8A	5,000	1	47.8 <i>1.875</i>	17.5 <i>0.690</i>	N/A N/A	24.4 <i>0.962</i>	66.0 <i>2.600</i>
MP-508064-10-8A	10,000	1	50.8 <i>2.000</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	56.9 <i>2.240</i>
MP-508095-5-8A	5,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 <i>0.500</i>	57.2 <i>2.250</i>
MP-508127-5-8A	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>
MP-508254-5-8A	5,000	1	50.8 <i>2.000</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	57.2 <i>2.250</i>
MP-508318-2.5-8A	2,500	1	50.8 <i>2.000</i>	31.8 <i>1.250</i>	N/A N/A	34.9 <i>1.375</i>	56.9 <i>2.240</i>
MP-508508-3-8A	3,000	1	50.8 <i>2.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	54.0 <i>2.130</i>
MP-523841-1.5-8A	1,500	1	52.3 <i>2.060</i>	84.1 <i>3.310</i>	N/A N/A	88.9 <i>3.500</i>	58.2 <i>2.290</i>
MP-610419-2.5-8A	2,500	1	61.0 <i>2.400</i>	41.9 <i>1.650</i>	N/A N/A	45.5 <i>1.792</i>	67.3 <i>2.650</i>
MP-699191-5-8A	5,000	1	69.9 <i>2.750</i>	19.1 <i>0.750</i>	N/A N/A	23.3 <i>0.917</i>	76.2 <i>3.000</i>
MP-699254-5-8A	5,000	1	69.9 <i>2.750</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	76.2 <i>3.000</i>
MP-762381-2.5-8A	2,500	1	76.2 <i>3.000</i>	38.1 <i>1.500</i>	N/A N/A	41.3 <i>1.625</i>	82.3 <i>3.240</i>
MP-762508-2.5-8A	2,500	1	76.2 <i>3.000</i>	50.8 <i>2.000</i>	N/A N/A	54.0 <i>2.125</i>	82.6 <i>3.240</i>
MP-762127-1-8A	1,000	1	76.2 <i>3.000</i>	127.0 <i>5.000</i>	N/A N/A	129.5 <i>5.100</i>	79.4 <i>3.130</i>
MP-101508-2.5-8A	2,500	1	101.6 <i>4.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	104.1 <i>4.100</i>
MP-101635-2.5-8A	2,500	1	101.6 <i>4.000</i>	63.5 <i>2.500</i>	N/A N/A	66.7 <i>2.625</i>	107.7 <i>4.240</i>
MP-101762-1.8-8A	1,800	1	101.6 <i>4.000</i>	76.2 <i>3.000</i>	N/A N/A	79.4 <i>3.125</i>	104.1 <i>4.100</i>
MP-101101-1.3-8A	1,300	1	101.6 <i>4.000</i>	101.6 <i>4.000</i>	N/A N/A	104.8 <i>4.125</i>	104.1 <i>4.100</i>
MP-101165-0.85-8A	850	1	101.6 <i>4.000</i>	165.1 <i>6.500</i>	N/A N/A	168.3 <i>6.680</i>	104.9 <i>4.130</i>

* NOTE: Standard Format Not Compatible with T200 Printers

HMM High Tack Matte Metalized Polyester Labels

HMM is a high performance thermal transfer printable matte metalized polyester with an aggressive high tack permanent acrylic adhesive. Designed for applications such as rating plates and serial plates that require high adhesion to textured surfaces, metals low surface energy plastics and powder coated surfaces. The matte surface provides excellent mark permanence and the high tack adhesion of HMM will bond to the most demanding surfaces. For reliable print performance and durability, use with Tyco Electronics 1330-0607 series ribbon.

Features and benefits

- Thermal transfer printable
- Ideal for rating plate applications
- Ultra aggressive adhesive for application to textured and powder coated surfaces
- UL Listed



Specifications/Approvals

Tyco Electronics TTDS-118
Industry UL MH17292 Group PGJ12

Adhesive Permanent acrylic-High Tack

Service temperature -40°C to +150°F -40°F to +302°F

Recommended printer T300 Series printers

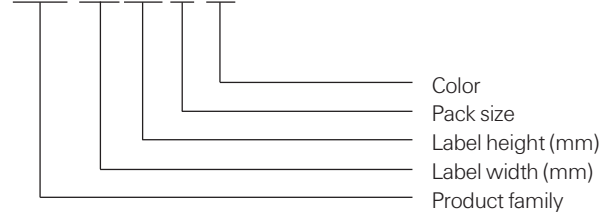
Recommended ribbon 1330-0607-10*

**Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.*

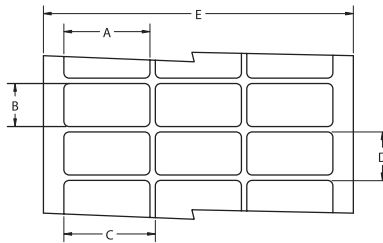


Part numbering system

HMM-508254-5 - 8A



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
HMM-095095-10-8A	10,000	7	9.5 0.375	9.5 0.375	11.1 0.437	12.7 0.500	82.1 3.230
HMM-127127-10-8A	10,000	5	12.7 0.500	12.7 0.500	15.9 0.625	15.9 0.625	82.6 3.250
HMM-165051-25-8A	25,000	4	16.5 0.650	5.1 0.200	17.8 0.700	8.3 0.325	75.8 2.990
HMM-191064-10-8A	10,000	4	19.1 0.750	6.4 0.250	21.6 0.850	9.5 0.375	89.9 3.540
HMM-229064-10-8A	10,000	3	22.9 0.900	6.4 0.250	28.6 1.125	9.5 0.375	86.0 3.390
HMM-254097-10-8A	10,000	3	25.4 1.000	9.7 0.380	27.9 1.100	12.7 0.500	87.4 3.440

* NOTE: Standard Format Not Compatible with T200 Printers

HMM High Tack Matte Metalized Polyester Labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A)		Label height (B)		Horizontal repeat (C)		Vertical repeat (D)		Web width (E)	
			mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>
HMM-254127-10-8A	10,000	3	25.4	<i>1.000</i>	12.7	<i>0.500</i>	27.9	<i>1.100</i>	16.9	<i>0.666</i>	87.4	<i>3.440</i>
HMM-254254-10-8A	10,000	3	25.4	<i>1.000</i>	25.4	<i>1.000</i>	27.9	<i>1.100</i>	28.6	<i>1.125</i>	87.4	<i>3.440</i>
HMM-318064-10-8A	10,000	1	31.8	<i>1.250</i>	6.4	<i>0.250</i>	N/A	N/A	9.5	<i>0.375</i>	37.9	<i>1.490</i>
HMM-381064-10-8A	10,000	1	38.1	<i>1.500</i>	6.4	<i>0.250</i>	N/A	N/A	9.5	<i>0.375</i>	44.5	<i>1.750</i>
* HMM-381127-5-8A	5,000	2	38.1	<i>1.500</i>	12.7	<i>0.500</i>	44.2	<i>1.738</i>	15.9	<i>0.625</i>	88.2	<i>3.472</i>
HMM-381191-5-8A	5,000	2	38.1	<i>1.500</i>	19.1	<i>0.750</i>	43.2	<i>1.700</i>	22.2	<i>0.875</i>	87.6	<i>3.450</i>
* HMM-406254-1.5-8A	1,500	2	40.6	<i>1.600</i>	25.4	<i>1.000</i>	55.9	<i>2.200</i>	38.1	<i>0.500</i>	102.9	<i>4.050</i>
HMM-508064-10-8A	10,000	1	50.8	<i>2.000</i>	6.4	<i>0.250</i>	N/A	N/A	9.5	<i>0.375</i>	56.9	<i>2.240</i>
HMM-508095-5-8A	5,000	1	50.8	<i>2.000</i>	9.5	<i>0.375</i>	N/A	N/A	12.7	<i>0.500</i>	57.2	<i>2.250</i>
HMM-508127-5-8A	5,000	1	50.8	<i>2.000</i>	12.7	<i>0.500</i>	N/A	N/A	15.9	<i>0.625</i>	56.9	<i>2.240</i>
HMM-508254-5-8A	5,000	1	50.8	<i>2.000</i>	25.4	<i>1.000</i>	N/A	N/A	28.6	<i>1.125</i>	57.2	<i>2.250</i>
HMM-508318-2.5-8A	2,500	1	50.8	<i>2.000</i>	31.8	<i>1.250</i>	N/A	N/A	34.9	<i>1.375</i>	56.9	<i>2.240</i>
HMM-508508-3-8A	3,000	1	50.8	<i>2.000</i>	50.8	<i>2.000</i>	N/A	N/A	54.6	<i>2.150</i>	54.0	<i>2.130</i>
HMM-699254-5-8A	5,000	1	69.9	<i>2.750</i>	25.4	<i>1.000</i>	N/A	N/A	28.6	<i>1.125"</i>	76.2	<i>3.000</i>
HMM-762254-5-8A	5,000	1	76.2	<i>3.000</i>	25.4	<i>1.000</i>	N/A	N/A	28.6	<i>1.125"</i>	82.3	<i>3.240</i>
HMM-762381-2.5-8A	2,500	1	76.2	<i>3.000</i>	38.1	<i>1.500</i>	N/A	N/A	41.3	<i>1.625</i>	82.3	<i>3.240</i>
HMM-762508-2.5-8A	2,500	1	76.2	<i>3.000</i>	50.8	<i>2.000</i>	N/A	N/A	54.0	<i>2.125</i>	82.3	<i>3.240</i>
HMM-101635-2.5-8A	2,500	1	101.6	<i>4.000</i>	63.5	<i>2.500</i>	N/A	N/A	66.7	<i>2.625</i>	107.7	<i>4.240</i>
HMM-101101-1.3-8A	1,300	1	101.6	<i>4.000</i>	101.6	<i>4.000</i>	N/A	N/A	104.8	<i>4.125</i>	104.1	<i>4.100</i>

* NOTE: Standard Format Not Compatible with T200 Printers

MV Tamper-evident metalized polyester labels

Tyco Electronics MV is a thermal transfer printable metalized polyester film with a permanent acrylic adhesive, designed with a tamper-evident feature which leaves a void footprint when removed. It is ideal for applications such as rating plate and serial number labels that require protection against removal. For reliable print performance and durability, use with Tyco Electronics 1330-0607 ribbon.

Features and benefits

- Thermal transfer printable
- Metalized appearance
- Ideal for security applications
- UL Recognized



Specifications/Approvals

Tyco Electronics TTDS-084
Industry UL MH17292 Group PGJ12

Adhesive Permanent acrylic

Service temperature -40°C to +150°C -40°F to +302°F

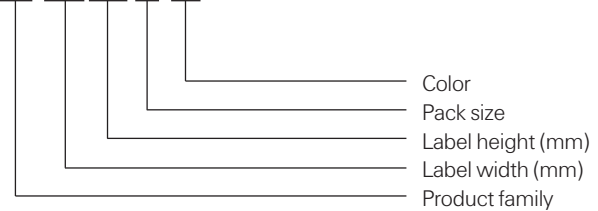
Recommended printer T300 Series printers

Recommended ribbon 1330-0607-10*

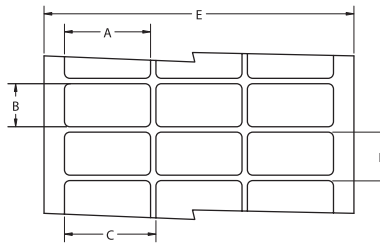
*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

Part numbering system

MV-080080-10-8A



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
MV-040040-25-8A	25,000	20	4.0 0.157	4.0 0.157	4.0 0.157	7.2 0.281	86.0 3.380
MV-064064-25-8A	25,000	12	6.4 0.250	6.4 0.250	6.4 0.250	9.5 0.375	82.2 3.240
* MV-080080-10-8A	10,000	8	8.0 0.315	8.0 0.315	9.9 0.390	13.3 0.525	83.3 3.280
MV-089047-10-8A	10,000	5	8.9 0.350	4.7 0.185	11.4 0.450	7.9 0.313	60.6 2.386
MV-095080-25-8A	25,000	5	9.5 0.375	8.0 0.315	12.2 0.480	12.7 0.500	64.3 2.531
MV-095095-10-8A	10,000	7	9.5 0.375	9.5 0.375	11.1 0.437	12.7 0.500	82.1 3.230

*** NOTE: Standard Format Not Compatible with T200 Printers**

MV Tamper-evident metalized polyester labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
MV-127111-10-8A	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 <i>0.662</i>	14.3 <i>0.563</i>	86.0 <i>3.380</i>
MV-127127-10-8A	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 <i>0.625</i>	15.9 <i>0.625</i>	82.6 <i>3.250</i>
* MV-165051-25-8A	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 <i>0.700</i>	8.3 <i>0.325</i>	75.8 <i>2.990</i>
MV-165102-10-8A	10,000	5	16.5 <i>0.650</i>	10.2 <i>0.400</i>	19.1 <i>0.750</i>	13.8 <i>0.545</i>	99.1 <i>3.900</i>
MV-171171-10-8A	10,000	5	17.1 <i>0.674</i>	17.1 <i>0.674</i>	19.7 <i>0.774</i>	20.3 <i>0.800</i>	101.8 <i>4.006</i>
* MV-178095-10-8A	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 <i>0.750</i>	12.7 <i>0.500</i>	80.9 <i>3.190</i>
* MV-191064-10-8A	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 <i>0.850</i>	9.5 <i>0.375</i>	89.9 <i>3.540</i>
MV-191114-15-8A	15,000	3	19.1 <i>0.750</i>	11.4 <i>0.450</i>	22.2 <i>0.875</i>	14.7 <i>0.579</i>	69.5 <i>2.736</i>
* MV-203127-10-8A	10,000	4	20.3 <i>0.800</i>	12.7 <i>0.500</i>	22.9 <i>0.900</i>	15.9 <i>0.625</i>	94.6 <i>3.730</i>
MV-229064-10-8A	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 <i>1.125</i>	9.5 <i>0.375</i>	86.0 <i>3.390</i>
MV-254045-10-8A	10,000	3	25.4 <i>1.000</i>	4.6 <i>0.180</i>	31.8 <i>1.250</i>	8.5 <i>0.333</i>	95.3 <i>3.750</i>
MV-254064-10-8A	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>	87.3 <i>3.436</i>
MV-254097-10-8A	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	87.4 <i>3.440</i>
MV-254127-10-8A	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	87.4 <i>3.440</i>
MV-254254-10-8A	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 <i>1.100</i>	28.6 <i>1.125</i>	87.4 <i>3.440</i>
* MV-305047-10-8A	10,000	2	30.5 <i>1.200</i>	4.7 <i>0.185</i>	33.0 <i>1.300</i>	7.8 <i>0.306</i>	69.5 <i>2.736</i>
MV-318064-10-8A	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	37.9 <i>1.490</i>
MV-318097-10-8A	10,000	1	31.8 <i>1.250</i>	9.7 <i>0.380</i>	N/A N/A	12.7 <i>0.500</i>	37.8 <i>1.486</i>
MV-381064-10-8A	10,000	1	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	44.5 <i>1.750</i>
* MV-381127-5-8A	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 <i>1.738</i>	15.9 <i>0.625</i>	88.2 <i>3.472</i>
MV-381191-5-8A	5,000	2	38.1 <i>1.500</i>	19.1 <i>0.750</i>	43.2 <i>1.700</i>	22.2 <i>0.875</i>	87.6 <i>3.450</i>
* MV-381381-2.5-8A	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 <i>1.750</i>	40.8 <i>1.607</i>	88.9 <i>3.500</i>
* MV-381635-5-8A	5,000	2	38.1 <i>1.500</i>	63.5 <i>2.500</i>	40.6 <i>1.600</i>	66.7 <i>2.625</i>	84.7 <i>3.336</i>
* MV-406254-1.5-8A	1,500	2	40.6 <i>1.600</i>	25.4 <i>1.000</i>	55.9 <i>2.200</i>	38.1 <i>1.500</i>	102.9 <i>4.050</i>
MV-445064-10-8A	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	50.4 <i>1.986</i>
MV-445102-5-8A	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 <i>0.500</i>	50.4 <i>1.986</i>
MV-445445-2-8A	2,000	1	44.5 <i>1.750</i>	44.5 <i>1.750</i>	N/A N/A	47.6 <i>1.875</i>	50.4 <i>1.986</i>
MV-478175-5-8A	5,000	1	47.8 <i>1.880</i>	17.5 <i>0.690</i>	N/A N/A	24.4 <i>0.962</i>	66.0 <i>2.600</i>
MV-508064-10-8A	10,000	1	50.8 <i>2.000</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	56.9 <i>2.240</i>
MV-508095-5-8A	5,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 <i>0.500</i>	57.2 <i>2.250</i>
MV-508127-5-8A	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>
MV-508254-5-8A	5,000	1	50.8 <i>2.000</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	57.2 <i>2.250</i>
MV-508318-2.5-8A	2,500	1	50.8 <i>2.000</i>	31.8 <i>1.250</i>	N/A N/A	34.9 <i>1.375</i>	56.9 <i>2.240</i>
MV-508508-3-8A	3,000	1	50.8 <i>2.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	54.0 <i>2.130</i>
MV-523841-1.5-8A	1,500	1	52.3 <i>2.060</i>	84.1 <i>3.310</i>	N/A N/A	88.9 <i>3.500</i>	58.2 <i>2.290</i>
MV-610419-2.5-8A	2,500	1	61.0 <i>2.400</i>	41.9 <i>1.650</i>	N/A N/A	45.5 <i>1.792</i>	67.3 <i>2.650</i>
MV-699191-5-8A	5,000	1	69.9 <i>2.750</i>	19.1 <i>0.750</i>	N/A N/A	23.3 <i>0.917</i>	76.2 <i>3.000</i>
MV-699254-5-8A	5,000	1	69.9 <i>2.750</i>	25.4 <i>1.000</i>	N/A N/A	28.6 <i>1.125</i>	76.2 <i>3.000</i>
MV-762381-2.5-8A	2,500	1	76.2 <i>3.000</i>	38.1 <i>1.500</i>	N/A N/A	41.3 <i>1.625</i>	82.3 <i>3.240</i>
MV-762508-2.5-8A	2,500	1	76.2 <i>3.000</i>	50.8 <i>2.000</i>	N/A N/A	54.0 <i>2.125</i>	82.6 <i>3.240</i>
MV-762127-1-8A	1,000	1	76.2 <i>3.000</i>	127.0 <i>5.000</i>	N/A N/A	129.5 <i>5.100</i>	79.4 <i>3.130</i>
MV-101508-2.5-8A	2,500	1	101.6 <i>4.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	104.1 <i>4.100</i>
MV-101635-2.5-8A	2,500	1	101.6 <i>4.000</i>	63.5 <i>2.500</i>	N/A N/A	66.7 <i>2.625</i>	107.7 <i>4.240</i>
MV-101762-1.8-8A	1,800	1	101.6 <i>4.000</i>	76.2 <i>3.000</i>	N/A N/A	79.4 <i>3.125</i>	104.1 <i>4.100</i>
MV-101101-1.3-8A	1,300	1	101.6 <i>4.000</i>	101.6 <i>4.000</i>	N/A N/A	104.8 <i>4.125</i>	104.1 <i>4.100</i>
MV-101165-0.85-8A	850	1	101.6 <i>4.000</i>	165.1 <i>6.500</i>	N/A N/A	168.3 <i>6.680</i>	104.9 <i>4.130</i>

* NOTE: Standard Format Not Compatible with T200 Printers

TN Tamper proof destructible polyethylene labels

Tyco Electronics TN is a thermal transfer printable, tamper proof destructible polyethylene label with a permanent acrylic adhesive, designed to fracture upon removal after 72 hours. It is ideal for serial number labels and calibration information labeling, or other applications that require a tamper proof label. For reliable print performance and durability, use with Tyco Electronics 1330-0607 ribbon.



Features and benefits

- Thermal transfer printable
- Ideal for security applications
- Several die-cut sizes available



Specifications/Approvals

Industry UL MH17292 Group PGJ12

Adhesive Permanent rubber-based

Service temperature -40°C to +80°C -40°F to +176°F

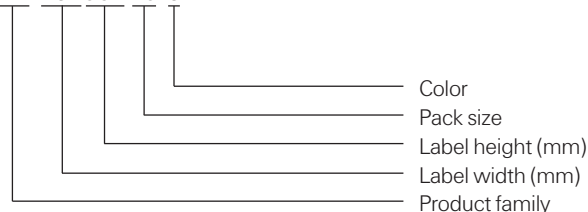
Recommended printer T300 Series printers

Recommended ribbon 1330-0607-10*

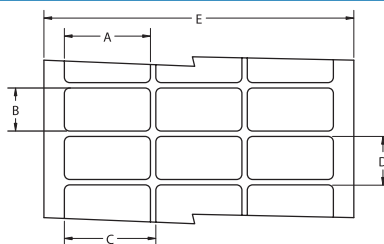
**Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.*

Part numbering system

TN - 191064-10-9



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
TN-040040-25-9	25,000	20	4.0 <i>0.157</i>	4.0 <i>0.157</i>	4.0 <i>0.157</i>	7.2 <i>0.281</i>	86.0 <i>3.380</i>
TN-064064-25-9	25,000	12	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	9.5 <i>0.375</i>	82.2 <i>3.240</i>
* TN-080080-10-9	10,000	8	8.0 <i>0.315</i>	8.0 <i>0.315</i>	9.9 <i>0.390</i>	13.3 <i>0.525</i>	83.3 <i>3.280</i>
TN-089047-10-9	10,000	5	8.9 <i>0.350</i>	4.7 <i>0.185</i>	11.4 <i>0.450</i>	7.9 <i>0.313</i>	60.6 <i>2.386</i>
TN-095080-25-9	25,000	5	9.5 <i>0.375</i>	8.0 <i>0.315</i>	12.2 <i>0.480</i>	12.7 <i>0.500</i>	64.3 <i>2.531</i>
TN-095095-10-9	10,000	7	9.5 <i>0.375</i>	9.5 <i>0.375</i>	11.1 <i>0.437</i>	12.7 <i>0.500</i>	82.1 <i>3.230</i>

*** NOTE: Standard Format Not Compatible with T200 Printers**

TN Tamper proof destructible polyethylene labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
TN-127111-10-9	10,000	5	12.7 0.500	11.1 0.437	16.8 0.662	14.3 0.563	86.0 3.380
TN-127127-10-9	10,000	5	12.7 0.500	12.7 0.500	15.9 0.625	15.9 0.625	82.6 3.250
* TN-165051-25-9	25,000	4	16.5 0.650	5.1 0.200	17.8 0.700	8.3 0.325	75.8 2.990
TN-165102-10-9	10,000	5	16.5 0.650	10.2 0.400	19.1 0.750	13.8 0.545	99.1 3.900
TN-171171-10-9	10,000	5	17.1 0.674	17.1 0.674	19.7 0.774	20.3 0.800	101.8 4.006
* TN-178095-10-9	10,000	4	17.8 0.700	9.5 0.375	19.1 0.750	12.7 0.500	80.9 3.190
* TN-191064-10-9	10,000	4	19.1 0.750	6.4 0.250	21.6 0.850	9.5 0.375	89.9 3.540
TN-191114-15-9	15,000	3	19.1 0.750	11.4 0.450	22.2 0.875	14.7 0.579	69.5 2.736
* TN-203127-10-9	10,000	4	20.3 0.800	12.7 0.500	22.9 0.900	15.9 0.625	94.6 3.730
TN-229064-10-9	10,000	3	22.9 0.900	6.4 0.250	28.6 1.125	9.5 0.375	86.0 3.390
TN-254045-10-9	10,000	3	25.4 1.000	4.6 0.180	31.8 1.250	8.5 0.333	95.3 3.750
TN-254064-10-9	10,000	3	25.4 1.000	6.4 0.250	27.9 1.100	9.5 0.375	87.3 3.436
TN-254097-10-9	10,000	3	25.4 1.000	9.7 0.380	27.9 1.100	12.7 0.500	87.4 3.440
TN-254127-10-9	10,000	3	25.4 1.000	12.7 0.500	27.9 1.100	16.9 0.666	87.4 3.440
TN-254254-10-9	10,000	3	25.4 1.000	25.4 1.000	27.9 1.100	28.6 1.125	87.4 3.440
* TN-305047-10-9	10,000	2	30.5 1.200	4.7 0.185	33.0 1.300	7.8 0.306	69.5 2.736
TN-318064-10-9	10,000	1	31.8 1.250	6.4 0.250	N/A N/A	9.5 0.375	37.9 1.490
TN-318097-10-9	10,000	1	31.8 1.250	9.7 0.380	N/A N/A	12.7 0.500	37.8 1.488
TN-381064-10-9	10,000	1	38.1 1.500	6.4 0.250	N/A N/A	9.5 0.375	44.5 1.750
* TN-381127-5-9	5,000	2	38.1 1.500	12.7 0.500	44.2 1.738	15.9 0.625	88.2 3.472
TN-381191-5-9	5,000	2	38.1 1.500	19.1 0.750	43.2 1.700	22.2 0.875	87.6 3.450
* TN-381381-2.5-9	2,500	2	38.1 1.500	38.1 1.500	44.5 1.750	40.8 1.607	88.9 3.500
* TN-381635-5-9	5,000	2	38.1 1.500	63.5 2.500	40.6 1.600	66.7 2.625	84.7 3.336
* TN-406254-1.5-9	1,500	2	40.6 1.600	25.4 1.000	55.9 2.200	38.1 1.500	102.9 4.050
TN-445064-10-9	10,000	1	44.5 1.750	6.4 0.250	N/A N/A	9.5 0.375	50.4 1.986
TN-445102-5-9	5,000	1	44.5 1.750	10.2 0.400	N/A N/A	12.7 0.500	50.4 1.986
TN-445445-2-9	2,000	1	44.5 1.750	44.5 1.750	N/A N/A	47.6 1.875	50.4 1.986
TN-478175-5-9	5,000	1	47.8 1.880	17.5 0.690	N/A N/A	24.4 0.962	66.0 2.600
TN-508064-10-9	10,000	1	50.8 2.000	6.4 0.250	N/A N/A	9.5 0.375	56.9 2.240
TN-508095-5-9	5,000	1	50.8 2.000	9.5 0.375	N/A N/A	12.7 0.500	57.2 2.250
TN-508127-5-9	5,000	1	50.8 2.000	12.7 0.500	N/A N/A	15.9 0.625	56.9 2.240
TN-508254-5-9	5,000	1	50.8 2.000	25.4 1.000	N/A N/A	28.6 1.125	57.2 2.250
TN-508318-2.5-9	2,500	1	50.8 2.000	31.8 1.250	N/A N/A	34.9 1.375	56.9 2.240
TN-508508-3-9	3,000	1	50.8 2.000	50.8 2.000	N/A N/A	54.6 2.150	54.0 2.130
TN-523841-1.5-9	1,500	1	52.3 2.060	84.1 3.310	N/A N/A	88.9 3.500	58.2 2.290
TN-610419-2.5-9	2,500	1	61.0 2.400	41.9 1.650	N/A N/A	45.5 1.792	67.3 2.650
TN-699191-5-9	5,000	1	69.9 2.750	19.1 0.750	N/A N/A	23.3 0.917	76.2 3.000
TN-699254-5-9	5,000	1	69.9 2.750	25.4 1.000	N/A N/A	28.6 1.125	76.2 3.000
TN-762381-2.5-9	2,500	1	76.2 3.000	38.1 1.500	N/A N/A	41.3 1.625	82.3 3.240
TN-762508-2.5-9	2,500	1	76.2 3.000	50.8 2.000	N/A N/A	54.0 2.125	82.6 3.240
TN-762127-1-9	1,000	1	76.2 3.000	127.0 5.000	N/A N/A	129.5 5.100	79.4 3.130
TN-101508-2.5-9	2,500	1	101.6 4.000	50.8 2.000	N/A N/A	54.6 2.150	104.1 4.100
TN-101635-2.5-9	2,500	1	101.6 4.000	63.5 2.500	N/A N/A	66.7 2.625	107.7 4.240
TN-101762-1.8-9	1,800	1	101.6 4.000	76.2 3.000	N/A N/A	79.4 3.125	104.1 4.100
TN-101101-1.3-9	1,300	1	101.6 4.000	101.6 4.000	N/A N/A	104.8 4.125	104.1 4.100
TN-101165-0.85-9	850	1	101.6 4.000	165.1 6.500	N/A N/A	168.3 6.680	104.9 4.130

* NOTE: Standard Format Not Compatible with T200 Printers

WV White vinyl labels

Tyco Electronics WV is a thermal transfer printable, flexible white vinyl film with a permanent acrylic adhesive. It offers excellent conformability to round, irregular or flexible surfaces, and is ideal for wire and cable identification, including flat ribbon cables that are subject to repeated bending. WV is resistant to oil, mild solvents, water and outdoor exposure. For reliable print performance and durability use with Tyco Electronics 1330-0607 ribbon.

Features and benefits

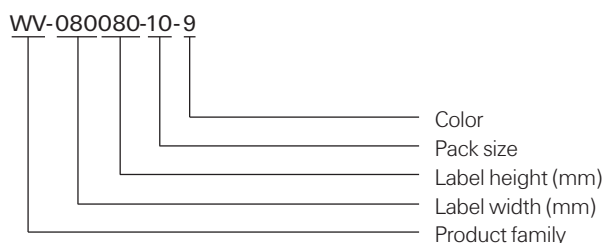
- Thermal transfer printable
- High tack adhesive bonds to most substrates including painted metal and low surface energy plastics such as polyethylene



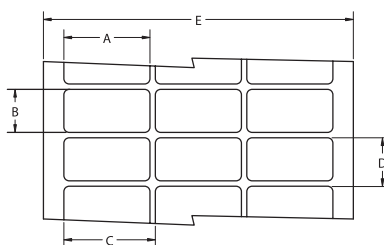
Specifications	TTDS-090
Adhesive	Permanent acrylic high initial tack
Service temperature	-40°C to +80°C -40°F to +176°F
Recommended printer	T300 Series printers
Recommended ribbon	1330-0607-10*

**Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.*

Part numbering system



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
WV-040040-25-9	25,000	20	4.0 0.157	4.0 0.157	4.0 0.157	7.2 0.281	86.0 3.380
* WV-080080-10-9	10,000	8	8.0 0.315	8.0 0.315	9.9 0.390	13.3 0.525	83.3 3.280
WV-089047-10-9	10,000	5	8.9 0.350	4.7 0.185	11.4 0.450	7.9 0.313	60.6 2.386
WV-095080-25-9	25,000	5	9.5 0.375	8.0 0.315	12.2 0.480	12.7 0.500	64.3 2.531
WV-095095-10-9	10,000	7	9.5 0.375	9.5 0.375	11.1 0.437	12.7 0.500	82.1 3.230
WV-127111-10-9	10,000	5	12.7 0.500	11.1 0.437	16.8 0.662	14.3 0.563	86.0 3.380

*** NOTE: Standard Format Not Compatible with T200 Printers**

WV White vinyl labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
WW-127127-10-9	10,000	5	12.7 0.500	12.7 0.500	15.9 0.625	15.9 0.625	82.6 3.250
* WW-165051-25-9	25,000	4	16.5 0.650	5.1 0.200	17.8 0.700	8.3 0.325	75.8 2.990
WW-165102-10-9	10,000	5	16.5 0.650	10.2 0.400	19.1 0.750	13.8 0.545	99.1 3.900
WW-171171-10-9	10,000	5	17.1 0.674	17.1 0.674	19.7 0.774	20.3 0.800	101.8 4.006
* WW-178095-10-9	10,000	4	17.8 0.700	9.5 0.375	19.1 0.750	12.7 0.500	80.9 3.190
* WW-191064-10-9	10,000	4	19.1 0.750	6.4 0.250	21.6 0.850	9.5 0.375	89.9 3.540
WW-191114-15-9	15,000	3	19.1 0.750	11.4 0.450	22.2 0.875	14.7 0.579	69.5 2.736
WW-191762-5-9	5,000	3	19.1 0.750	76.2 3.000	21.6 0.850	88.9 3.500	68.2 2.686
* WW-203127-10-9	10,000	4	20.3 0.800	12.7 0.500	22.9 0.900	15.9 0.625	94.6 3.730
WW-229064-10-9	10,000	3	22.9 0.900	6.4 0.250	28.6 1.125	9.5 0.375	86.0 3.390
* WW-250381-10-9	10,000	4	24.9 0.980	38.1 1.500	27.4 1.080	47.6 1.875	113.5 4.470
WW-254045-10-9	10,000	3	25.4 1.000	4.6 0.180	31.8 1.250	8.5 0.333	95.3 3.750
WW-254064-10-9	10,000	3	25.4 1.000	6.4 0.250	27.9 1.100	9.5 0.375	87.3 3.436
WW-254097-10-9	10,000	3	25.4 1.000	9.7 0.380	27.9 1.100	12.7 0.500	87.4 3.440
WW-254127-10-9	10,000	3	25.4 1.000	12.7 0.500	27.9 1.100	16.9 0.666	87.4 3.440
WW-254254-10-9	10,000	3	25.4 1.000	25.4 1.000	27.9 1.100	28.6 1.125	87.4 3.440
* WW-305047-10-9	10,000	2	30.5 1.200	4.7 0.185	33.0 1.300	7.8 0.306	69.5 2.736
WW-318064-10-9	10,000	1	31.8 1.250	6.4 0.250	N/A N/A	9.5 0.375	37.9 1.490
WW-318097-10-9	10,000	1	31.8 1.250	9.7 0.380	N/A N/A	12.7 0.500	37.8 1.488
WW-381064-10-9	10,000	1	38.1 1.500	6.4 0.250	N/A N/A	9.5 0.375	44.5 1.750
* WW-381127-5-9	5,000	2	38.1 1.500	12.7 0.500	44.2 1.738	15.9 0.625	88.2 3.472
WW-381191-5-9	5,000	2	38.1 1.500	19.1 0.750	43.2 1.700	22.2 0.875	87.6 3.450
* WW-381381-2.5-9	2,500	2	38.1 1.500	38.1 1.500	44.5 1.750	40.8 1.607	88.9 3.500
WW-445064-10-9	10,000	1	44.5 1.750	6.4 0.250	N/A N/A	9.5 0.375	50.4 1.986
WW-445102-5-9	5,000	1	44.5 1.750	10.2 0.400	N/A N/A	12.7 0.500	50.4 1.986
WW-445445-2-9	2,000	1	44.5 1.750	44.5 1.750	N/A N/A	47.6 1.875	50.4 1.986
WW-478175-5-9	5,000	1	47.8 1.880	17.5 0.690	N/A N/A	24.4 0.962	66.0 2.600
WW-508064-10-9	10,000	1	50.8 2.000	6.4 0.250	N/A N/A	9.5 0.375	56.9 2.240
WW-508095-5-9	5,000	1	50.8 2.000	9.5 0.375	N/A N/A	12.7 0.500	57.2 2.250
WW-508127-5-9	5,000	1	50.8 2.000	12.7 0.500	N/A N/A	15.9 0.625	56.9 2.240
WW-508254-5-9	5,000	1	50.8 2.000	25.4 1.000	N/A N/A	28.6 1.125	57.2 2.250
WW-508318-2.5-9	2,500	1	50.8 2.000	31.8 1.250	N/A N/A	34.9 1.375	56.9 2.240
WW-508508-3-9	3,000	1	50.8 2.000	50.8 2.000	N/A N/A	54.6 2.150	54.0 2.130
WW-523841-1.5-9	1,500	1	52.3 2.060	84.1 3.310	N/A N/A	88.9 3.500	58.2 2.290
WW-610419-2.5-9	2,500	1	61.0 2.400	41.9 1.650	N/A N/A	45.5 1.792	67.3 2.650
WW-699191-5-9	5,000	1	69.9 2.750	19.1 0.750	N/A N/A	23.3 0.917	76.2 3.000
WW-699254-5-9	5,000	1	69.9 2.750	25.4 1.000	N/A N/A	28.6 1.125	76.2 3.000
WW-762381-2.5-9	2,500	1	76.2 3.000	38.1 1.500	N/A N/A	41.3 1.625	82.3 3.240
WW-762508-2.5-9	2,500	1	76.2 3.000	50.8 2.000	N/A N/A	54.0 2.125	82.6 3.240
WW-762127-1-9	1,000	1	76.2 3.000	127.0 5.000	N/A N/A	129.5 5.100	79.4 3.130
WW-101508-2.5-9	2,500	1	101.6 4.000	50.8 2.000	N/A N/A	54.6 2.150	104.1 4.100
WW-101635-2.5-9	2,500	1	101.6 4.000	63.5 2.500	N/A N/A	66.7 2.625	107.7 4.240
WW-101762-1.8-9	1,800	1	101.6 4.000	76.2 3.000	N/A N/A	79.4 3.125	104.1 4.100
WW-101101-1.3-9	1,300	1	101.6 4.000	101.6 4.000	N/A N/A	104.8 4.125	104.1 4.100
WW-101165-0.85-9	850	1	101.6 4.000	165.1 6.500	N/A N/A	168.3 6.680	104.9 4.130

* NOTE: Standard Format Not Compatible with T200 Printers

NC Nylon cloth labels

Tyco Electronics NC is a thermal transfer printable, flexible nylon cloth with a permanent acrylic adhesive, designed for application to irregular surfaces where conformability is required. It is ideal for wire marking and other round or flexible surfaces such as cables and tubing. NC is not recommended for outdoor use or immersion in liquid. For reliable print performance and durability, use with Tyco Electronics 1330-0607 ribbon.

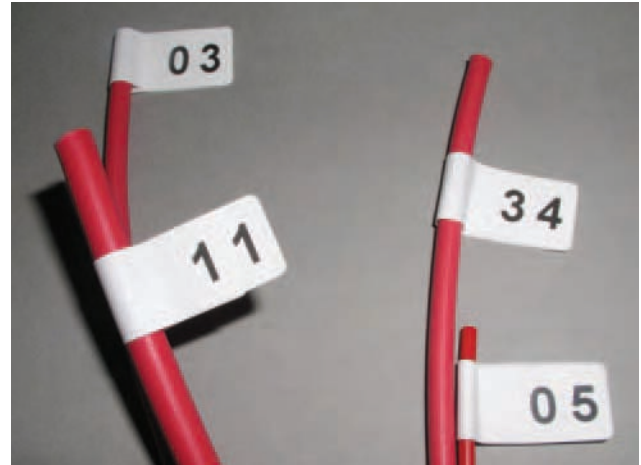
Features and benefits

- Thermal transfer printable
- Surface coating applied to enhance ink receptivity
- Flexible material conforms to curved surfaces
- Several die-cut sizes available

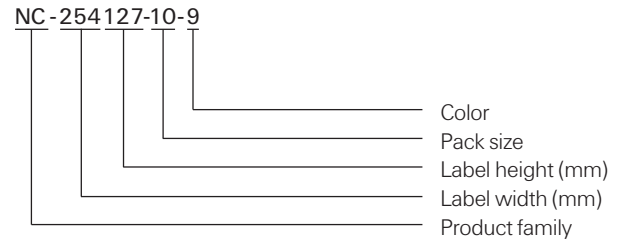


Specifications	TTDS-051
Adhesive	Permanent acrylic
Service temperature	-40°C to +140°C -40°F to +284°F
Recommended printer	T300 Series printers
Recommended ribbon	1330-0606-10*

**Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.*

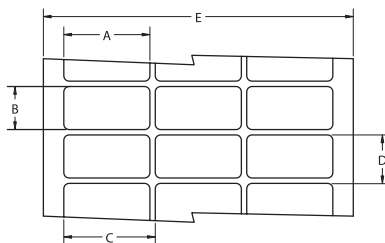


Part numbering system



NC Nylon cloth labels

Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
NC-064064-25-9	25,000	12	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	9.5 <i>0.375</i>	82.2 <i>3.240</i>
* NC-080080-10-9	10,000	8	8.0 <i>0.315</i>	8.0 <i>0.315</i>	9.9 <i>0.390</i>	13.3 <i>0.525</i>	83.3 <i>3.280</i>
NC-095080-25-9	25,000	5	9.5 <i>0.375</i>	8.0 <i>0.315</i>	12.2 <i>0.480</i>	12.7 <i>0.500</i>	64.3 <i>2.531</i>
NC-095095-10-9	10,000	7	9.5 <i>0.375</i>	9.5 <i>0.375</i>	11.1 <i>0.437</i>	12.7 <i>0.500</i>	82.1 <i>3.230</i>
NC-127111-10-9	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 <i>0.662</i>	14.3 <i>0.563</i>	86.0 <i>3.380</i>
NC-127127-10-9	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 <i>0.625</i>	15.9 <i>0.625</i>	82.6 <i>3.250</i>
* NC-165051-25-9	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 <i>0.700</i>	8.3 <i>0.325</i>	75.8 <i>2.990</i>
* NC-178095-10-9	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 <i>0.750</i>	12.7 <i>0.500</i>	80.9 <i>3.190</i>
* NC-191064-10-9	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 <i>0.850</i>	9.5 <i>0.375</i>	89.9 <i>3.540</i>
NC-229064-10-9	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 <i>1.125</i>	9.5 <i>0.375</i>	86.0 <i>3.390</i>
NC-254064-10-9	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>	87.3 <i>3.436</i>
NC-254097-10-9	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	87.4 <i>3.440</i>
NC-254127-10-9	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	87.4 <i>3.440</i>
NC-318064-10-9	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	37.9 <i>1.490</i>
NC-381064-10-S1-9	10,000	1**	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	44.5 <i>1.750</i>
NC-381064-10-9	10,000	1	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	44.5 <i>1.750</i>
* NC-381127-5-9	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 <i>1.738</i>	15.9 <i>0.625</i>	88.2 <i>3.472</i>
NC-445064-10-9	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	50.4 <i>1.986</i>
NC-445102-5-9	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 <i>0.500</i>	50.4 <i>1.986</i>
NC-445445-2-9	2,000	1	44.5 <i>1.750</i>	44.5 <i>1.750</i>	N/A N/A	47.6 <i>1.875</i>	50.4 <i>1.986</i>
NC-508064-10-9	10,000	1	50.8 <i>2.000</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	56.9 <i>2.240</i>
NC-508095-5-9	5,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 <i>0.500</i>	57.2 <i>2.250</i>
NC-508127-5-9	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>
NC-523841-1.5-9	1,500	1	52.3 <i>2.060</i>	84.1 <i>3.310</i>	N/A N/A	88.9 <i>3.500</i>	58.2 <i>2.290</i>

* NOTE: Standard Format Not Compatible with T200 Printers

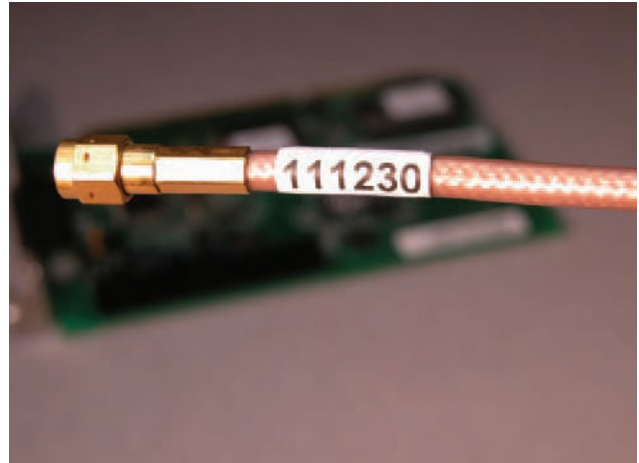
** Perforated

NC Nylon cloth wire markers

NC is a thermal transfer printable, flexible nylon cloth with a permanent acrylic adhesive. These formats are designed specifically for wrap around wire and cable marking applications. For reliable print performance and durability, use with Tyco Electronics 1330-0606 ribbon.

Features and benefits

- Thermal transfer printable
- Flexible cloth material conforms well for wrap around wire marking



Specifications	TTDS-051
Adhesive	Permanent acrylic
Service temperature	-40°C to +140°C -40°F to +284°F
Recommended printer	T300 Series printers
Recommended ribbon	1330-0606-10*

*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

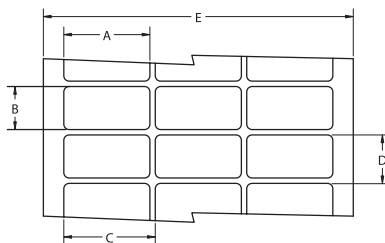
Part numbering system

NC-07619110-9



NC Nylon cloth wire markers

Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
NC-076191-10-9	10,000	8	7.6 <i>0.300</i>	19.1 <i>0.750</i>	7.6 <i>0.300</i>	22.2 <i>0.875</i>	67.3 <i>2.650</i>
* NC-127191-10-9	10,000	4	12.7 <i>0.500</i>	19.1 <i>0.750</i>	15.2 <i>0.600</i>	22.2 <i>0.875</i>	63.5 <i>2.500</i>
NC-127365-10-9	10,000	6	12.7 <i>0.500</i>	36.5 <i>1.437</i>	16.8 <i>0.662</i>	42.2 <i>1.661</i>	102.8 <i>4.046</i>
* NC-191254-10-9	10,000	4	19.1 <i>0.750</i>	25.4 <i>1.000</i>	22.2 <i>0.875</i>	31.8 <i>1.250</i>	91.7 <i>3.611</i>
NC-191762-5-9	5,000	3	19.1 <i>0.750</i>	76.2 <i>3.000</i>	21.6 <i>0.850</i>	88.9 <i>3.500</i>	68.2 <i>2.686</i>
* NC-250381-10-9	10,000	4	24.9 <i>0.980</i>	38.1 <i>1.500</i>	27.4 <i>1.080</i>	47.6 <i>1.875</i>	113.5 <i>4.470</i>
NC-254254-10-9	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 <i>1.100</i>	28.6 <i>1.125</i>	87.4 <i>3.440</i>
* NC-381381-2.5-9	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 <i>1.750</i>	40.8 <i>1.607</i>	88.9 <i>3.500</i>
* NC-381635-5-9	5,000	2	38.1 <i>1.500</i>	63.5 <i>2.500</i>	40.6 <i>1.600</i>	66.7 <i>2.625</i>	84.7 <i>3.336</i>
NC-508508-3-9	3,000	1	50.8 <i>2.000</i>	50.8 <i>2.000</i>	N/A N/A	54.6 <i>2.150</i>	54.0 <i>2.130</i>

* NOTE: Standard Format Not Compatible with T200 Printers *

NC Nylon cloth terminal markers

NC is a thermal transfer printable, flexible nylon cloth with a permanent acrylic adhesive. These continuous strip formats are designed specifically for terminal block marking applications. For reliable print performance and durability, use with Tyco Electronics 1330-0606 ribbon.

Features and benefits

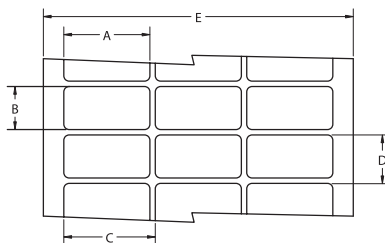
- Thermal transfer printable
- Continuous format is universal for any length terminal strip marker



Specifications	TTDS-051
Adhesive	Permanent acrylic
Service temperature	-40°C to +140°C -40°F to +284°F
Recommended printer	T300 Series printers
Recommended ribbon	1330-0606-10*
*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.	

NC Nylon cloth terminal markers

Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A)		Label height (B)		Horizontal repeat (C)		Vertical repeat (D)		Web width (E)	
			mm	inches	mm	feet	mm	inches	mm	inches	mm	inches
NC155WE-100S4	500 FEET	5	7.9	0.312	30.5	100	7.9	0.312	N/A	N/A	45.7	1.800
NC150WE-100S3	400 FEET	4	9.5	0.375	30.5	100	9.5	0.375	N/A	N/A	44.5	1.750

Kapton® labels

Tyco Electronics polyimide (Kapton®) labels are all ideal for high temperature labeling requirements such as printed circuit boards. They are suitable for direct wave (bottom side) and IR reflow (top side) PCB applications. Tyco Electronics Kapton® labels are designed to withstand the fluxes, cleaning solvents and molten solder encountered in the manufacture of printed circuit boards. They offer excellent contrast for bar code applications. Tyco Electronics Kapton® labels are suitable for the harshest high temperature applications. For reliable print performance and durability, use with Tyco Electronics's 1330-0619 ribbon.

Features and benefits

- UL Listed: T1K and T2K
- Thermal transfer printable
- High temperature permanent acrylic adhesive

T1K

- Gloss white topcoat
- Withstands surface mount board processes on either the top or bottom side of the board
- Low profile 1 mil film offers polyimide thermal performance at competitive cost
- Ideal for manual apply applications

T2K

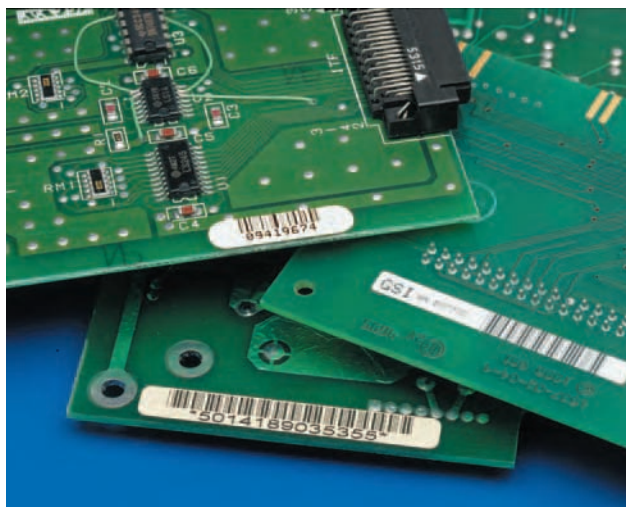
- Gloss white topcoat
- Withstands surface mount board processes on either the top or bottom side of the board
- Ideal for auto apply applications

KTT

- Matte tan topcoat
- Withstands surface mount board processes on either the top or bottom side of the board
- Product approved for aerospace/defense applications.
- Low outgassing

TSK

- High opacity gloss white topcoat
- Withstands surface mount board processes on either the top or bottom side of the board
- Deemed to be a static safe product in accordance with EIA 625, EIA 541. Test methods employed were in accordance with EOS/ESD S11.11
- Ideal for auto apply applications



Specifications/Approvals

Tyco Electronics		T1K	TTDS-034
		T2K	TTDS-035
		TSK	TTDS-085
Industry	UL	T1K	MH17292 Group PGJ12
		T2K	MH17292 Group PGJ12

Adhesive

Permanent acrylic

Service temperature

T1K ¹ , T2K ² ,	-40°C to +260°C	-40°F to +500°F
TSK ² , KTT ²		

¹ Flash exposure to +472°C (+800°F)

² Flash exposure to +538°C (+1000°F)

Recommended printer

T1K, T2K, TSK, T2Y	T312S*
KTT	

Recommended ribbon

1330-0619-10*
* Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.

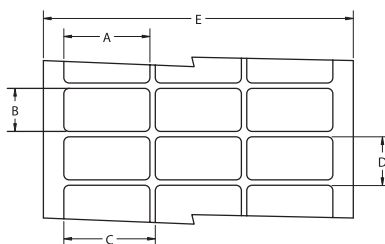
Part numbering system

T1K-044033-10-9



T1K White Kapton® labels

Ordering information



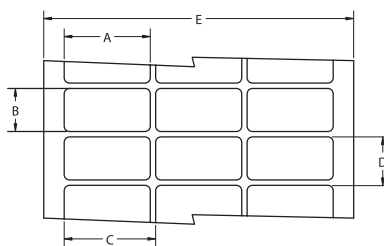
Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
T1K-044033-10-9	10,000	20	4.4 <i>0.170</i>	3.3 <i>0.130</i>	4.4 <i>0.170</i>	9.5 <i>0.375</i>	92.4 <i>3.636</i>
T1K-064064-25-9	25,000	12	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	9.5 <i>0.375</i>	82.2 <i>3.240</i>
*T1K-080080-10-9	10,000	8	8.0 <i>0.315</i>	8.0 <i>0.315</i>	9.9 <i>0.390</i>	13.3 <i>0.525</i>	83.3 <i>3.280</i>
T1K-095080-25-9	25,000	5	9.5 <i>0.375</i>	8.0 <i>0.315</i>	12.2 <i>0.480</i>	12.7 <i>0.500</i>	64.3 <i>2.531</i>
T1K-095095-10-9	10,000	7	9.5 <i>0.375</i>	9.5 <i>0.375</i>	11.1 <i>0.437</i>	12.7 <i>0.500</i>	82.1 <i>3.230</i>
T1K-127032-10-9	10,000	5	12.7 <i>0.500</i>	3.2 <i>0.125</i>	19.1 <i>0.750</i>	3.2 <i>0.250</i>	94.9 <i>3.736</i>
T1K-127111-10-9	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 <i>0.662</i>	14.3 <i>0.563</i>	86.0 <i>3.380</i>
T1K-127127-10-9	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 <i>0.625</i>	15.9 <i>0.625</i>	82.6 <i>3.250</i>
*T1K-165051-25-9	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 <i>0.700</i>	8.3 <i>0.325</i>	75.8 <i>2.990</i>
T1K-171171-10-9	10,000	5	17.1 <i>0.674</i>	17.1 <i>0.674</i>	19.7 <i>0.774</i>	20.3 <i>0.800</i>	101.8 <i>4.006</i>
*T1K-178095-10-9	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 <i>0.750</i>	12.7 <i>0.500</i>	80.9 <i>3.190</i>
*T1K-191064-10-9	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 <i>0.850</i>	9.5 <i>0.375</i>	89.9 <i>3.540</i>
T1K-229064-10-9	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 <i>1.125</i>	9.5 <i>0.375</i>	86.0 <i>3.390</i>
T1K-254045-10-9	10,000	3	25.4 <i>1.000</i>	4.6 <i>0.180</i>	31.8 <i>1.250</i>	8.5 <i>0.333</i>	95.3 <i>3.750</i>
T1K-254064-10-9	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>	87.3 <i>3.436</i>
T1K-254097-10-9	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	87.4 <i>3.440</i>
T1K-254127-10-9	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	87.4 <i>3.440</i>
T1K-254254-10-9	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 <i>1.100</i>	28.6 <i>1.125</i>	87.4 <i>3.440</i>
*T1K-305047-10-9	10,000	2	30.5 <i>1.200</i>	4.7 <i>0.185</i>	33.0 <i>1.300</i>	7.8 <i>0.306</i>	69.5 <i>2.736</i>
T1K-318064-10-9	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	37.9 <i>1.490</i>
T1K-381020-10-9	10,000	1	38.1 <i>1.500</i>	2.0 <i>0.080</i>	N/A N/A	10.7 <i>0.423</i>	44.1 <i>1.740</i>
*T1K-381127-5-9	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 <i>1.738</i>	15.9 <i>0.625</i>	88.2 <i>3.472</i>
T1K-381381-2-5-9	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 <i>1.750</i>	40.8 <i>1.607</i>	88.9 <i>3.500</i>
T1K-445064-10-9	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	50.4 <i>1.986</i>
T1K-445102-5-9	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 <i>0.500</i>	50.4 <i>1.386</i>
T1K-508064-10-9	10,000	1	50.8 <i>2.000</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	56.9 <i>2.240</i>
T1K-508095-5-9	5,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 <i>0.500</i>	57.2 <i>2.250</i>
T1K-508127-5-9	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>

* NOTE: Kapton®/polyimide labels not compatible with T200 Printers

T2K White Kapton® labels

Ordering information



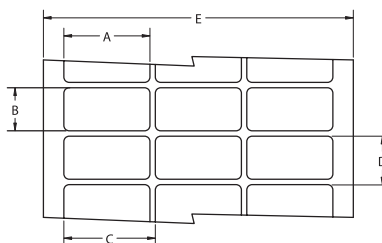
Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
T2K-044033-10-9	10,000	20	4.4 <i>0.170</i>	3.3 <i>0.130</i>	4.4 <i>0.170</i>	9.5 <i>0.375</i>	92.4 <i>3.636</i>
T2K-064064-25-9	25,000	12	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	9.5 <i>0.375</i>	82.2 <i>3.240</i>
*T2K-080080-10-9	10,000	8	8.0 <i>0.315</i>	8.0 <i>0.315</i>	9.9 <i>0.390</i>	13.3 <i>0.525</i>	83.3 <i>3.280</i>
T2K-095080-25-9	25,000	5	9.5 <i>0.375</i>	8.0 <i>0.315</i>	12.2 <i>0.480</i>	12.7 <i>0.500</i>	64.3 <i>2.531</i>
T2K-095095-10-9	10,000	7	9.5 <i>0.375</i>	9.5 <i>0.375</i>	11.1 <i>0.437</i>	12.7 <i>0.500</i>	82.1 <i>3.230</i>
T2K-127032-10-9	10,000	5	12.7 <i>0.500</i>	3.2 <i>0.125</i>	19.1 <i>0.750</i>	3.2 <i>0.250</i>	94.9 <i>3.736</i>
T2K-127111-10-9	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 <i>0.662</i>	14.3 <i>0.563</i>	86.0 <i>3.380</i>
T2K-127127-10-9	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 <i>0.625</i>	15.9 <i>0.625</i>	82.6 <i>3.250</i>
*T2K-165051-25-9	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 <i>0.700</i>	8.3 <i>0.325</i>	75.8 <i>2.990</i>
T2K-171171-10-9	10,000	5	17.1 <i>0.674</i>	17.1 <i>0.674</i>	19.7 <i>0.774</i>	20.3 <i>0.800</i>	101.8 <i>4.006</i>
*T2K-178095-10-9	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 <i>0.750</i>	12.7 <i>0.500</i>	80.9 <i>3.190</i>
*T2K-191064-10-9	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 <i>0.850</i>	9.5 <i>0.375</i>	89.9 <i>3.540</i>
T2K-229064-10-9	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 <i>1.125</i>	9.5 <i>0.375</i>	86.0 <i>3.390</i>
T2K-254045-10-9	10,000	3	25.4 <i>1.000</i>	4.6 <i>0.180</i>	31.8 <i>1.250</i>	8.5 <i>0.333</i>	95.3 <i>3.750</i>
T2K-254064-10-9	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>	87.3 <i>3.436</i>
T2K-254097-10-9	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	87.4 <i>3.440</i>
T2K-254127-10-9	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	87.4 <i>3.440</i>
T2K-254254-10-9	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 <i>1.100</i>	28.6 <i>1.125</i>	87.4 <i>3.440</i>
*T2K-305047-10-9	10,000	2	30.5 <i>1.200</i>	4.7 <i>0.185</i>	33.0 <i>1.300</i>	7.8 <i>0.306</i>	69.5 <i>2.736</i>
T2K-318064-10-9	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	37.9 <i>1.490</i>
T2K-381020-10-9	10,000	1	38.1 <i>1.500</i>	2.0 <i>0.080</i>	N/A N/A	10.7 <i>0.423</i>	44.1 <i>1.740</i>
T2K-381064-10-9	10,000	1	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	44.5 <i>1.750</i>
*T2K-381127-5-9	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 <i>1.738</i>	15.9 <i>0.625</i>	88.2 <i>3.472</i>
T2K-381381-2-5-9	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 <i>1.750</i>	40.8 <i>1.607</i>	88.9 <i>3.500</i>
T2K-445064-10-9	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	50.4 <i>1.986</i>
T2K-445102-5-9	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 <i>0.500</i>	50.4 <i>1.386</i>
T2K-508064-10-9	10,000	1	50.8 <i>2.000</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	56.9 <i>2.240</i>
T2K-508091-5-9	5,000	1	50.8 <i>2.000</i>	9.1 <i>0.358</i>	N/A N/A	12.2 <i>0.480</i>	57.2 <i>2.250</i>
T2K-508095-5-9	5,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 <i>0.500</i>	57.2 <i>2.250</i>
T2K-508127-5-9	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>

* NOTE: Kapton®/polyimide labels not compatible with T200 Printers

TSK White polyimide labels

Ordering information



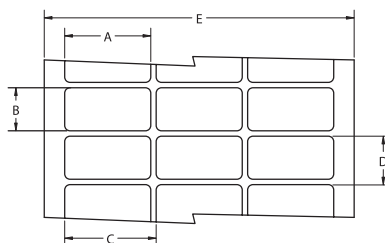
Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
TSK-044033-10-9	10,000	20	4.4 <i>0.170</i>	3.3 <i>0.130</i>	4.4 <i>0.170</i>	9.5 <i>0.375</i>	92.4 <i>3.636</i>
TSK-064064-25-9	25,000	12	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	9.5 <i>0.375</i>	82.2 <i>3.240</i>
*TSK-080080-10-9	10,000	8	8.0 <i>0.315</i>	8.0 <i>0.315</i>	9.9 <i>0.390</i>	13.3 <i>0.525</i>	83.3 <i>3.280</i>
TSK-095080-25-9	25,000	5	9.5 <i>0.375</i>	8.0 <i>0.315</i>	12.2 <i>0.480</i>	12.7 <i>0.500</i>	64.3 <i>2.531</i>
TSK-095095-10-9	10,000	7	9.5 <i>0.375</i>	9.5 <i>0.375</i>	11.1 <i>0.437</i>	12.7 <i>0.500</i>	82.1 <i>3.230</i>
TSK-127032-10-9	10,000	5	12.7 <i>0.500</i>	3.2 <i>0.125</i>	19.1 <i>0.750</i>	3.2 <i>0.250</i>	94.9 <i>3.736</i>
TSK-127111-10-9	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 <i>0.662</i>	14.3 <i>0.563</i>	86.0 <i>3.380</i>
TSK-127127-10-9	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 <i>0.625</i>	15.9 <i>0.625</i>	82.6 <i>3.250</i>
TSK-165051-25-9	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 <i>0.700</i>	8.3 <i>0.325</i>	75.8 <i>2.990</i>
TSK-171171-10-9	10,000	5	17.1 <i>0.674</i>	17.1 <i>0.674</i>	19.7 <i>0.774</i>	20.3 <i>0.800</i>	101.8 <i>4.006</i>
TSK-178095-10-9	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 <i>0.750</i>	12.7 <i>0.500</i>	80.9 <i>3.190</i>
*TSK-191064-10-9	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 <i>0.850</i>	9.5 <i>0.375</i>	89.9 <i>3.540</i>
TSK-229064-10-9	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 <i>1.125</i>	9.5 <i>0.375</i>	86.0 <i>3.390</i>
TSK-254045-10-9	10,000	3	25.4 <i>1.000</i>	4.6 <i>0.180</i>	31.8 <i>1.250</i>	8.5 <i>0.333</i>	95.3 <i>3.750</i>
TSK-254064-10-9	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>	87.3 <i>3.436</i>
TSK-254097-10-9	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	87.4 <i>3.440</i>
TSK-254127-10-9	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	87.4 <i>3.440</i>
TSK-254254-10-9	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 <i>1.100</i>	28.6 <i>1.125</i>	87.4 <i>3.440</i>
*TSK-305047-10-9	10,000	2	30.5 <i>1.200</i>	4.7 <i>0.185</i>	33.0 <i>1.300</i>	7.8 <i>0.306</i>	69.5 <i>2.736</i>
TSK-318064-10-9	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	37.9 <i>1.490</i>
TSK-381020-10-9	10,000	1	38.1 <i>1.500</i>	2.0 <i>0.080</i>	N/A N/A	10.7 <i>0.423</i>	44.1 <i>1.740</i>
TSK-381064-10-9	10,000	1	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	44.5 <i>1.750</i>
*TSK-381127-5-9	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 <i>1.738</i>	15.9 <i>0.625</i>	88.2 <i>3.472</i>
TSK-381381-2-5-9	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 <i>1.750</i>	40.8 <i>1.607</i>	88.9 <i>3.500</i>
TSK-445064-10-9	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 <i>0.375</i>	50.4 <i>1.986</i>
TSK-445102-5-9	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 <i>0.500</i>	50.4 <i>1.386</i>
TSK-508064-10-9	10,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 <i>0.500</i>	57.2 <i>2.250</i>
TSK-508095-10-9	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>
TSK-508127-5-9	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 <i>0.625</i>	56.9 <i>2.240</i>

* NOTE: Kapton®/polyimide labels not compatible with T200 Printers

KTT Tan Kapton® labels

Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
KTT-044033-10-1A	10,000	20	4.4 <i>0.170</i>	3.3 <i>0.130</i>	4.4 0.170	9.5 0.375	92.4 3.636
KTT-064064-25-1A	25,000	12	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 0.250	9.5 0.375	82.2 3.240
*KTT-080080-10-1A	10,000	8	8.0 <i>0.315</i>	8.0 <i>0.315</i>	9.9 0.390	13.3 0.525	83.3 3.280
KTT-095080-25-1A	25,000	5	9.5 <i>0.375</i>	8.0 <i>0.315</i>	12.2 0.480	12.7 0.500	64.3 2.531
KTT-095095-10-1A	10,000	7	9.5 <i>0.375</i>	9.5 <i>0.375</i>	11.1 0.437	12.7 0.500	82.1 3.230
KTT-127032-10-1A	10,000	5	12.7 <i>0.500</i>	3.2 <i>0.125</i>	19.1 0.750	3.2 0.250	94.9 3.736
KTT-127111-10-1A	10,000	5	12.7 <i>0.500</i>	11.1 <i>0.437</i>	16.8 0.662	14.3 0.563	86.0 3.380
KTT-127127-10-1A	10,000	5	12.7 <i>0.500</i>	12.7 <i>0.500</i>	15.9 0.625	15.9 0.625	82.6 3.250
*KTT-165051-25-1A	25,000	4	16.5 <i>0.650</i>	5.1 <i>0.200</i>	17.8 0.700	8.3 0.325	75.8 2.990
KTT-171171-10-1A	10,000	5	17.1 <i>0.674</i>	17.1 <i>0.674</i>	19.7 0.774	20.3 0.800	101.8 4.006
*KTT-178095-10-1A	10,000	4	17.8 <i>0.700</i>	9.5 <i>0.375</i>	19.1 0.750	12.7 0.500	80.9 3.190
*KTT-191064-10-1A	10,000	4	19.1 <i>0.750</i>	6.4 <i>0.250</i>	21.6 0.850	9.5 0.375	89.9 3.540
KTT-229064-10-1A	10,000	3	22.9 <i>0.900</i>	6.4 <i>0.250</i>	28.6 1.125	9.5 0.375	86.0 3.390
KTT-254045-10-1A	10,000	3	25.4 <i>1.000</i>	4.6 <i>0.180</i>	31.8 1.250	8.5 0.333	95.3 3.750
KTT-254064-10-1A	10,000	3	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 1.100	9.5 0.375	87.3 3.436
KTT-254097-10-1A	10,000	3	25.4 <i>1.000</i>	9.7 <i>0.380</i>	27.9 1.100	12.7 0.500	87.4 3.440
KTT-254127-10-1A	10,000	3	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 1.100	16.9 0.666	87.4 3.440
KTT-254254-10-1A	10,000	3	25.4 <i>1.000</i>	25.4 <i>1.000</i>	27.9 1.100	28.6 1.125	87.4 3.440
*KTT-305047-10-1A	10,000	2	30.5 <i>1.200</i>	4.7 <i>0.185</i>	33.0 1.300	7.8 0.306	69.5 2.736
KTT-318064-10-1A	10,000	1	31.8 <i>1.250</i>	6.4 <i>0.250</i>	N/A N/A	9.5 0.375	37.9 1.490
KTT-381020-10-1A	10,000	1	38.1 <i>1.500</i>	2.0 <i>0.080</i>	N/A N/A	10.7 0.423	44.1 1.740
KTT-381064-10-1A	10,000	1	38.1 <i>1.500</i>	6.4 <i>0.250</i>	N/A N/A	9.5 0.375	44.5 1.750
*KTT-381127-5-1A	5,000	2	38.1 <i>1.500</i>	12.7 <i>0.500</i>	44.2 1.738	15.9 0.625	88.2 3.472
KTT-381381-2.5-1A	2,500	2	38.1 <i>1.500</i>	38.1 <i>1.500</i>	44.5 1.750	40.8 1.607	88.9 3.500
KTT-445064-10-1A	10,000	1	44.5 <i>1.750</i>	6.4 <i>0.250</i>	N/A N/A	9.5 0.375	50.4 1.986
KTT-445102-5-1A	5,000	1	44.5 <i>1.750</i>	10.2 <i>0.400</i>	N/A N/A	12.7 0.500	50.4 1.986
KTT-508064-10-1A	10,000	1	50.8 <i>2.000</i>	6.4 <i>0.250</i>	N/A N/A	9.5 0.375	56.9 2.240
KTT-508095-5-1A	5,000	1	50.8 <i>2.000</i>	9.5 <i>0.375</i>	N/A N/A	12.7 0.500	57.2 2.250
KTT-508127-5-1A	5,000	1	50.8 <i>2.000</i>	12.7 <i>0.500</i>	N/A N/A	15.9 0.625	56.9 2.240

* NOTE: Kapton®/polyimide labels not compatible with T200 Printers

Engineering Notes



PVF Polyvinyl fluoride labels

Tyco Electronics PVF is a thermal transfer printable polyvinylfluoride (Tedlar®) film with a permanent acrylic adhesive, designed for wire and cable marking and other general labeling applications that require the "self-extinguishing" properties of Tedlar®. It is ideal in a variety of harsh physical and chemical environments; resists water, oil, cleaning agents and oil based solvents; and filters ultraviolet light. For reliable print performance and durability use with Tyco Electronics's 1330-3300 ribbon.

Features and benefits

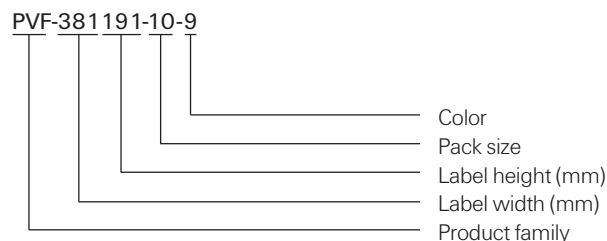
- Thermal transfer printable
- Ideal for wire and cable marking
- Self-extinguishing adhesive
- Resistant to a variety of solvents



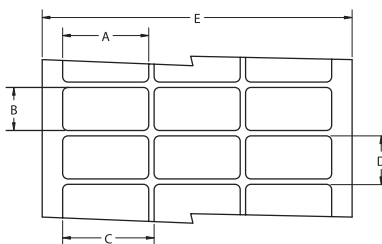
Adhesive	Permanent acrylic	
Service temperature	-53°C to +135°C	-65°F to +275°F
Recommended printer	T308S*	
Recommended ribbon	1330-3300-10*	
<i>*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.</i>		



Part numbering system



Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
PVF-064064-25-9	25,000	12	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	9.5 <i>0.375</i>	82.2 <i>3.240</i>
* PVF-080080-10-9	10,000	8	8.0 <i>0.315</i>	8.0 <i>0.315</i>	9.9 <i>0.390</i>	13.3 <i>0.525</i>	83.3 <i>3.280</i>
PVF-095080-25-9	25,000	5	9.5 <i>0.375</i>	8.0 <i>0.315</i>	12.2 <i>0.480</i>	12.7 <i>0.500</i>	64.3 <i>2.531</i>
PVF-095095-10-9	10,000	7	9.5 <i>0.375</i>	9.5 <i>0.375</i>	11.1 <i>0.437</i>	12.7 <i>0.500</i>	82.1 <i>3.230</i>

* NOTE: Standard Format Not Compatible with T200 Printers

Replace -9 suffix with -4 for yellow labels

PVF Polyvinyl fluoride labels

Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
PVF-127111-10-9	10,000	5	12.7 0.500	11.1 0.437	16.8 0.662	14.3 0.563	86.0 3.380
PVF-127127-10-9	10,000	5	12.7 0.500	12.7 0.500	15.9 0.625	15.9 0.625	82.6 3.250
* PVF-165051-25-9	25,000	4	16.5 0.650	5.1 0.200	17.8 0.700	8.3 0.325	75.8 2.990
PVF-165102-10-9	10,000	5	16.5 0.650	10.2 0.400	19.1 0.750	13.8 0.545	99.1 3.900
PVF-171171-10-9	10,000	5	17.1 0.674	17.1 0.674	19.7 0.774	20.3 0.800	101.8 4.006
* PVF-178095-10-9	10,000	4	17.8 0.700	9.5 0.375	19.1 0.750	12.7 0.500	80.9 3.190
* PVF-191064-10-9	10,000	4	19.1 0.750	6.4 0.250	21.6 0.850	9.5 0.375	89.9 3.540
PVF-191114-15-9	15,000	3	19.1 0.750	11.4 0.450	22.2 0.875	14.7 0.579	69.5 2.736
PVF-191762-5-9	5,000	3	19.1 0.750	76.2 3.000	21.6 0.850	88.9 3.500	68.2 2.686
* PVF-203127-10-9	10,000	4	20.3 0.800	12.7 0.500	22.9 0.900	15.9 0.625	94.6 3.730
PVF-229064-10-9	10,000	3	22.9 0.900	6.4 0.250	28.6 1.125	9.5 0.375	86.0 3.390
* PVF-250381-10-9	10,000	4	24.9 0.980	38.1 1.500	27.4 1.080	47.6 1.875	113.5 4.470
PVF-254045-10-9	10,000	3	25.4 1.000	4.6 0.180	31.8 1.250	8.5 0.333	95.3 3.750
PVF-254064-10-9	10,000	3	25.4 1.000	6.4 0.250	27.9 1.100	9.5 0.375	87.3 3.436
PVF-254097-10-9	10,000	3	25.4 1.000	9.7 0.380	27.9 1.100	12.7 0.500	87.4 3.440
PVF-254127-10-9	10,000	3	25.4 1.000	12.7 0.500	27.9 1.100	16.9 0.666	87.4 3.440
PVF-254254-10-9	10,000	3	25.4 1.000	25.4 1.000	27.9 1.100	28.6 1.125	87.4 3.440
* PVF-305047-10-9	10,000	2	30.5 1.200	4.7 0.185	33.0 1.300	7.8 0.306	69.5 2.736
PVF-318064-10-9	10,000	1	31.8 1.250	6.4 0.250	N/A N/A	9.5 0.375	37.9 1.490
PVF-318097-10-9	10,000	1	31.8 1.250	9.7 0.380	N/A N/A	12.7 0.500	37.8 1.488
PVF-381064-10-9	10,000	1	38.1 1.500	6.4 0.250	N/A N/A	9.5 0.375	44.5 1.750
* PVF-381127-5-9	5,000	2	38.1 1.500	12.7 0.500	44.2 1.738	15.9 0.625	88.2 3.472
PVF-381191-5-9	5,000	2	38.1 1.500	19.1 0.750	43.2 1.700	22.2 0.875	87.6 3.450
* PVF-381381-2.5-9	2,500	2	38.1 1.500	38.1 1.500	44.5 1.750	40.8 1.607	88.9 3.500
* PVF-381635-5-9	5,000	2	38.1 1.500	63.5 2.500	40.6 1.600	66.7 2.625	84.7 3.336
* PVF-406254-1.5-9	1,500	2	40.6 1.600	25.4 1.000	55.9 2.200	38.1 1.500	102.9 4.050
PVF-445064-10-9	10,000	1	44.5 1.750	6.4 0.250	N/A N/A	9.5 0.375	50.4 1.986
PVF-445102-5-9	5,000	1	44.5 1.750	10.2 0.400	N/A N/A	12.7 0.500	50.4 1.986
PVF-445445-2-9	2,000	1	44.5 1.750	44.5 1.750	N/A N/A	47.6 1.875	50.4 1.986
PVF-478175-5-9	5,000	1	47.8 1.880	17.5 0.690	N/A N/A	24.4 0.962	66.0 2.600
PVF-508064-10-9	10,000	1	50.8 2.000	6.4 0.250	N/A N/A	9.5 0.375	56.9 2.240
PVF-508095-5-9	5,000	1	50.8 2.000	9.5 0.375	N/A N/A	12.7 0.500	57.2 2.250
PVF-508127-5-9	5,000	1	50.8 2.000	12.7 0.500	N/A N/A	15.9 0.625	56.9 2.240
PVF-508254-5-9	5,000	1	50.8 2.000	25.4 1.000	N/A N/A	28.6 1.125	57.2 2.250
PVF-508318-2.5-9	2,500	1	50.8 2.000	31.8 1.250	N/A N/A	34.9 1.375	56.9 2.240
PVF-508508-3-9	3,000	1	50.8 2.000	50.8 2.000	N/A N/A	54.6 2.150	54.0 2.130
PVF-523841-1.5-9	1,500	1	52.3 2.060	84.1 3.310	N/A N/A	88.9 3.500	58.2 2.290
PVF-610419-2.5-9	2,500	1	61.0 2.400	41.9 1.650	N/A N/A	45.5 1.792	67.3 2.650
PVF-699191-5-9	5,000	1	69.9 2.750	19.1 0.750	N/A N/A	23.3 0.917	76.2 3.000
PVF-699254-5-9	5,000	1	69.9 2.750	25.4 1.000	N/A N/A	28.6 1.125	76.2 3.000
PVF-762381-2.5-9	2,500	1	76.2 3.000	38.1 1.500	N/A N/A	41.3 1.625	82.3 3.240
PVF-762508-2.5-9	2,500	1	76.2 3.000	50.8 2.000	N/A N/A	54.0 2.125	82.6 3.240
PVF-762127-1-9	1,000	1	76.2 3.000	127.0 5.000	N/A N/A	129.5 5.100	79.4 3.130
PVF-101508-2.5-9	2,500	1	101.6 4.000	50.8 2.000	N/A N/A	54.6 2.150	104.1 4.100
PVF-101635-2.5-9	2,500	1	101.6 4.000	63.5 2.500	N/A N/A	66.7 2.625	107.7 4.240
PVF-101762-1.8-9	1,800	1	101.6 4.000	76.2 3.000	N/A N/A	79.4 3.125	104.1 4.100
PVF-101101-1.3-9	1,300	1	101.6 4.000	101.6 4.000	N/A N/A	104.8 4.125	104.1 4.100
PVF-101165-0.85-9	850	1	101.6 4.000	165.1 6.500	N/A N/A	168.3 6.680	104.9 4.130

* NOTE: Standard Format Not Compatible with T200 Printers

Replace -9 suffix with -4 for yellow labels

EP Economy paper labels

Tyco Electronics EP is a thermal transfer printable paper with a permanent adhesive, designed for use in general purpose labeling applications requiring a low cost label material. EP has an aggressive adhesive for bonding to corrugated, films and plastic materials, and it is ideal for labeling in mild environments. The ultra-smooth finish is excellent for bar coding applications. EP remains bonded permanently to most surfaces and typically results in label or substrate tear when removal is attempted. For reliable print performance use with Tyco Electronics 1330-0600 ribbon.

Features and benefits

- Thermal transfer printable
- Ultra-smooth coated facestock
- Versatile adhesive with excellent initial tack
- Several die-cut sizes available



Specifications/Approvals

Industry UL MH17001 Group PGDQ2

Adhesive Permanent rubber-based

Service temperature -53°C to +93°C -65°F to +200°F

Recommended printer T308S*

Recommended ribbon 1330-0600-10*

*Alternative printers and ribbons are available for special applications. Contact Tyco Electronics Identification for more information.



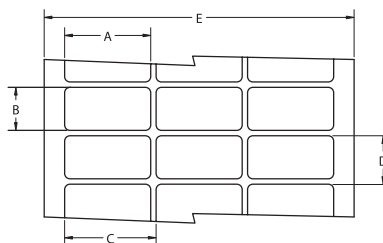
Part numbering system

EP 101 508 2.5 9



EP Economy paper labels

Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm inches	Label height (B) mm inches	Horizontal repeat (C) mm inches	Vertical repeat (D) mm inches	Web width (E) mm inches
* EP-191064-10-9	10,000	4	19.1 0.750	6.4 0.250	21.6 0.850	9.5 0.375	89.9 3.540
EP-254097-10-9	10,000	3	25.4 1.000	9.7 0.380	27.9 1.100	12.7 0.500	87.4 3.440
EP-254127-10-9	10,000	3	25.4 1.000	12.7 0.500	27.9 1.100	16.9 0.666	87.4 3.440
EP-254254-10-9	10,000	3	25.4 1.000	25.4 1.000	27.9 1.100	28.6 1.125	87.4 3.440
EP-318064-10-9	10,000	1	31.8 1.250	6.4 0.250	N/A N/A	9.5 0.375	37.9 1.490
EP-318097-10-9	10,000	1	31.8 1.250	9.7 0.380	N/A N/A	12.7 0.500	37.8 1.488
EP-381064-10-9	10,000	1	38.1 1.500	6.4 0.250	N/A N/A	9.5 0.375	44.5 1.750
* EP-381127-5-9	5,000	2	38.1 1.500	12.7 0.500	44.2 1.738	15.9 0.625	88.2 3.472
EP-381191-5-9	5,000	2	38.1 1.500	19.1 0.750	43.2 1.700	22.2 0.875	87.6 3.450
* EP-381381-2.5-9	2,500	2	38.1 1.500	38.1 1.500	44.5 1.750	40.8 1.607	88.9 3.500
* EP-381635-5-9	5,000	2	38.1 1.500	63.5 2.500	40.6 1.600	66.7 2.625	84.7 3.336
* EP-406254-1.5-9	1,500	2	40.6 1.600	25.4 1.000	55.9 2.200	38.1 1.500	102.9 4.050
EP-445102-5-9	5,000	1	44.5 1.750	10.2 0.400	N/A N/A	12.7 0.500	50.4 1.986
EP-445445-2-9	2,000	1	44.5 1.750	44.5 1.750	N/A N/A	47.6 1.875	50.4 1.986
EP-508064-10-9	10,000	1	50.8 2.000	6.4 0.250	N/A N/A	9.5 0.375	56.9 2.240
EP-508095-5-9	5,000	1	50.8 2.000	9.5 0.375	N/A N/A	12.7 0.500	57.2 2.250
EP-508127-5-9	5,000	1	50.8 2.000	12.7 0.500	N/A N/A	15.9 0.625	56.9 2.240
EP-508254-5-9	5,000	1	50.8 2.000	25.4 1.000	N/A N/A	28.6 1.125	57.2 2.250
EP-508318-2.5-9	2,500	1	50.8 2.000	31.8 1.250	N/A N/A	34.9 1.375	56.9 2.240
EP-508508-3-9	3,000	1	50.8 2.000	50.8 2.000	N/A N/A	54.6 2.150	54.0 2.130
EP-523841-1.5-9	1,500	1	52.3 2.060	84.1 3.310	N/A N/A	88.9 3.500	58.2 2.290
EP-610419-2.5-9	2,500	1	61.0 2.400	41.9 1.650	N/A N/A	45.5 1.792	67.3 2.650
EP-699191-5-9	5,000	1	69.9 2.750	19.1 0.750	N/A N/A	23.3 0.917	76.2 3.000
EP-699254-5-9	5,000	1	69.9 2.750	25.4 1.000	N/A N/A	28.6 1.125	76.2 3.000
EP-762381-2.5-9	2,500	1	76.2 3.000	38.1 1.500	N/A N/A	41.3 1.625	82.3 3.240
EP-762508-2.5-9	2,500	1	76.2 3.000	50.8 2.000	N/A N/A	54.0 2.125	82.6 3.240
EP-762127-1-9	1,000	1	76.2 3.000	127.0 5.000	N/A N/A	129.5 5.100	79.4 3.130
EP-762254-5-9	5,000	1	76.2 3.000	25.4 1.000	N/A N/A	28.6 1.125	82.3 3.240
EP-101508-2.5-9	2,500	1	101.6 4.000	50.8 2.000	N/A N/A	54.6 2.150	104.1 4.100
EP-101635-2.5-9	2,500	1	101.6 4.000	63.5 2.500	N/A N/A	66.7 2.625	107.7 4.240
EP-101762-1.8-9	1,800	1	101.6 4.000	76.2 3.000	N/A N/A	79.4 3.125	104.1 4.100
EP-101101-1.3-9	1,300	1	101.6 4.000	101.6 4.000	N/A N/A	104.8 4.125	104.1 4.100
EP-101165-0.85-9	850	1	101.6 4.000	165.1 6.500	N/A N/A	168.3 6.680	104.9 4.130

* NOTE: Standard Format Not Compatible with T200 Printers

VF Clear Tedlar® overlaminate

VF-X is a non-printable clear Tedlar® designed for use as an over laminate for labels where resistance to UV light and weathering is necessary. Adds further protection from chemicals, solvents, abrasion, heat and moisture.

Features and benefits

- UV and weather resistant
- Ideal to use as an overlaminate in combination with all printable Tyco Electronics labels
- Resistant to water, oil, cleaning agents and solvents



Specifications/Approvals

Tyco Electronics

TTDS-006

Adhesive

Permanent rubber-based

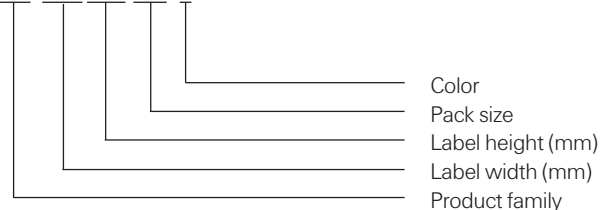
Service temperature

-53°C to +135°C -65°F to +275°F



Part numbering system

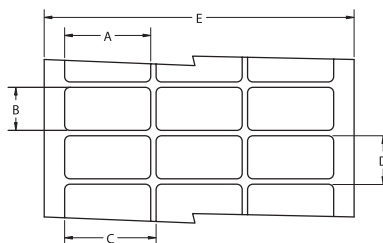
VF 508318 2.5 X



Color
Pack size
Label height (mm)
Label width (mm)
Product family

VF Clear Tedlar® overlamine

Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A)		Label height (B)		Horizontal repeat (C)		Vertical repeat (D)		Web width (E)	
			mm	inches	mm	inches	mm	inches	mm	inches	mm	inches
VF-191064-10-X	10,000	4	19.1	0.750	6.4	0.250	21.6	0.850	9.5	0.375	89.9	3.540
VF-229064-10-X	10,000	3	22.9	0.900	6.4	0.250	28.6	1.125	9.5	0.375	86.0	3.390
VF-254097-10-X	10,000	3	25.4	1.000	9.7	0.380	27.9	1.100	12.7	0.500	87.4	3.440
VF-254127-10-X	10,000	3	25.4	1.000	12.7	0.500	27.9	1.100	16.9	0.666	87.4	3.440
VF-381064-10-X	10,000	1	38.1	1.500	6.4	0.250	N/A	N/A	9.5	0.375	44.5	1.750
VF-381127-5-X	5,000	2	38.1	1.500	12.7	0.500	44.2	1.738	15.9	0.625	88.2	3.472
VF-381191-5-X	5,000	2	38.1	1.500	19.1	0.750	43.2	1.700	22.2	0.875	87.6	3.450
VF-406254-1.5-X	1,500	2	40.6	1.600	25.4	1.000	55.9	2.200	38.1	1.500	102.9	4.050
VF-508127-5-X	5,000	1	50.8	2.000	12.7	0.500	N/A	N/A	15.9	0.625	56.9	2.240
VF-508254-5-X	5,000	1	50.8	2.000	25.4	1.000	N/A	N/A	28.6	1.125	57.2	2.250
VF-508318-2.5-X	2,500	1	50.8	2.000	31.8	1.250	N/A	N/A	34.9	1.375	56.9	2.240
VF-699254-5-X	5,000	1	69.9	2.750	25.4	1.000	N/A	N/A	28.6	1.125"	76.2	3.000
VF-762254-5-X	5,000	1	76.2	3.000	25.4	1.000	N/A	N/A	28.6	1.125"	82.3	3.240
VF-762508-2.5-X	2,500	1	76.2	3.000	50.8	2.000	N/A	N/A	54.0	2.125	82.3	3.240
VF-101635-2.5-X	2,500	1	101.6	4.000	63.5	2.500	N/A	N/A	66.7	2.625	107.7	4.240

C Vinyl cloth labels

Tyco Electronics C labels are dot matrix printable vinyl coated cloth material with a permanent acrylic adhesive that is designed for application to irregular surfaces where conformability is required. It is ideal for permanent wire marking, or it can be flagged onto wires for temporary marking. C labels are also ideal for electronic component identification and other general purpose labeling applications. For reliable print performance and durability, use with Tyco Electronics's 1892BK01 ribbon.

Features and benefits

- Flexible, easily conforms to curved surfaces
- Dot matrix printable
- Several die-cut sizes available
- Excellent abrasion resistance
- Resistant to oil, water and several common fluids

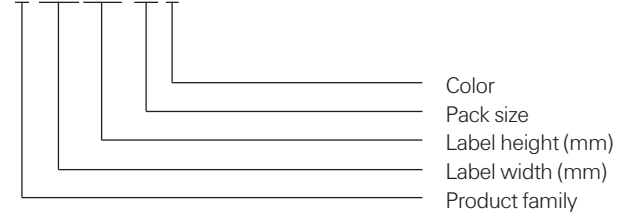


Specifications/Approvals

Tyco Electronics	TTDS-053
Adhesive	Permanent acrylic
Service temperature	-29°C to +80°C -20°F to +176°F
Recommended printer	AM6310
Recommended ribbon	1892BK01

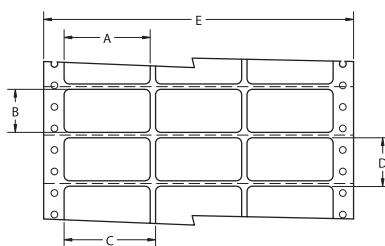
Part numbering system

C-064064-10-9



C Vinyl cloth labels

Ordering information



Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
C-064064-10-9	10,000	20	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	8.5 <i>0.333</i>	152.4 <i>6.000</i>
C-076191-10-9	10,000	16	7.6 <i>0.300</i>	19.1 <i>0.750</i>	7.6 <i>0.300</i>	25.4 <i>1.000</i>	147.3 <i>5.800</i>
C-080080-10-9	10,000	10	8.0 <i>0.315</i>	8.0 <i>0.315</i>	8.0 <i>0.315</i>	12.7 <i>0.500</i>	105.4 <i>4.150</i>
C-095095-10-9	10,000	16	9.5 <i>0.375</i>	9.5 <i>0.375</i>	12.7 <i>0.500</i>	12.7 <i>0.500</i>	226.1 <i>8.900</i>
C-165051-10-9	10,000	10	16.5 <i>0.650</i>	5.1 <i>0.200</i>	20.3 <i>0.800</i>	6.4 <i>0.250</i>	224.8 <i>8.850</i>
C-191064-10-9	10,000	9	19.1 <i>0.750</i>	6.4 <i>0.250</i>	22.9 <i>0.900</i>	8.5 <i>0.333</i>	227.3 <i>8.950</i>
C-203127-10-9	10,000	10	20.3 <i>0.800</i>	12.7 <i>0.500</i>	20.3 <i>0.800</i>	15.9 <i>0.625</i>	228.6 <i>9.000</i>
C-203365-10-9	10,000	6	20.3 <i>0.800</i>	36.5 <i>1.437</i>	22.9 <i>0.900</i>	38.1 <i>1.500</i>	160.0 <i>6.300</i>
C-229064-10-9	10,000	8	22.9 <i>0.900</i>	6.4 <i>0.250</i>	25.4 <i>1.000</i>	8.5 <i>0.333</i>	226.1 <i>8.900</i>
C-254095-10-9	10,000	7	25.4 <i>1.000</i>	9.5 <i>0.375</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	218.4 <i>8.600</i>
C-254127-10-9	10,000	7	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	218.4 <i>8.600</i>
C-381064-10-S1-9	10,000	4**	38.1 <i>1.500</i>	6.4 <i>0.250</i>	45.7 <i>1.800</i>	8.5 <i>0.333</i>	200.7 <i>7.900</i>
C-508095-5-9	5,000	3	50.8 <i>2.000</i>	9.5 <i>0.375</i>	53.3 <i>2.100</i>	12.7 <i>0.500</i>	182.9 <i>7.200</i>
C-533064-5-9	5,000	3	53.3 <i>2.100</i>	6.4 <i>0.250</i>	55.9 <i>2.200</i>	8.5 <i>0.333</i>	190.5 <i>7.500</i>
C-533114-5-9	5,000	3	53.3 <i>2.100</i>	11.4 <i>0.450</i>	55.9 <i>2.200</i>	14.7 <i>0.579</i>	190.5 <i>7.500</i>

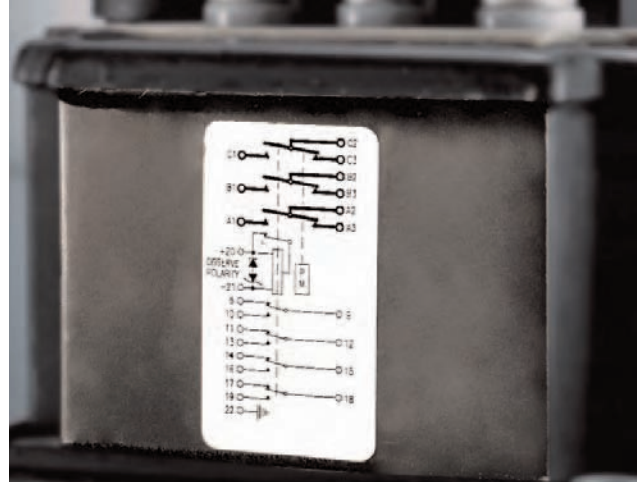
**Perforated

M Metalized polyester labels

Tyco Electronics M is a dot matrix printable metalized polyester film with a permanent acrylic adhesive that is designed for rating plate applications and other applications that require a “metal look” such as nameplates, rating plates and equipment labels to detail product information and serial numbers. M is UL Listed and its print performance and durability are reliable when used with Tyco Electronics 1892BK01 ribbon.

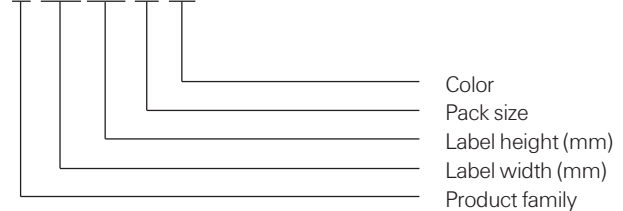
Features and benefits

- Dot matrix printable
- Exceptional durability and strength
- Matte finish ink receptive coating for better contrast
- Resistant to oil, water and several common fluids
- UL Listed



Part numbering system

M-064064-10-8A

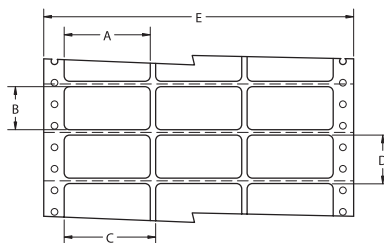


Specifications/Approvals

Tyco Electronics	TTDS-072
Industry	UL MH17292 Group PGGU2MH14363
Adhesive	Permanent acrylic
Service temperature	-53°C to +93°C -65°F to +200°F
Recommended printer	AM6310
Recommended ribbon	1892BK01

M Metalized polyester labels

Ordering information

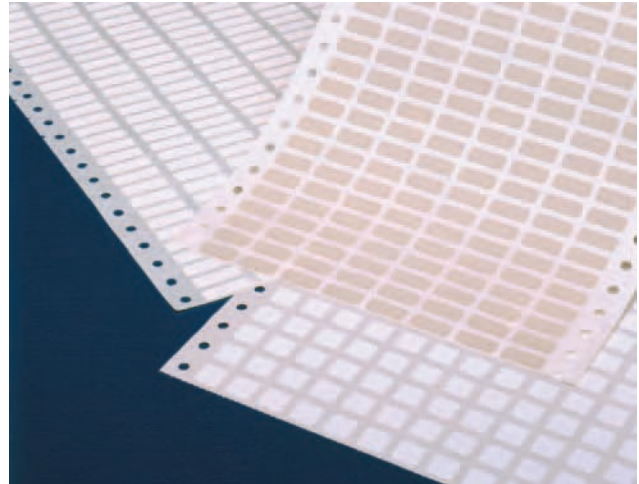


Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
M-064064-10-8A	10,000	20	6.4 0.250	6.4 0.250	6.4 0.250	8.5 0.333	152.4 6.000
M-080080-10-8A	10,000	10	8.0 0.315	8.0 0.315	8.0 0.315	12.7 0.500	105.4 4.150
M-095095-10-8A	10,000	16	9.5 0.375	9.5 0.375	12.7 0.500	12.7 0.500	226.1 8.900
M-127111-10-8A	10,000	13	12.7 0.500	11.1 0.437	15.2 0.600	15.9 0.625	221.0 8.700
M-154064-10-8A	10,000	7	15.4 0.600	6.4 0.250	17.8 0.700	8.5 0.333	147.3 5.800
M-165051-10-8A	10,000	10	16.5 0.650	5.1 0.200	20.3 0.800	6.4 0.250	224.8 8.850
M-191064-10-8A	10,000	9	19.1 0.750	6.4 0.250	22.9 0.900	8.5 0.333	227.3 8.950
M-203127-10-8A	10,000	10	20.3 0.800	12.7 0.500	20.3 0.800	15.9 0.625	228.6 9.000
M-229064-10-8A	10,000	8	22.9 0.900	6.4 0.250	25.4 1.000	8.5 0.333	226.1 8.900
M-254095-10-8A	10,000	7	25.4 1.000	9.5 0.375	27.9 1.100	12.7 0.500	218.4 8.600
M-254127-10-8A	10,000	7	25.4 1.000	12.7 0.500	27.9 1.100	16.9 0.666	218.4 8.600
M-293064-10-8A	10,000	4	29.3 1.150	6.4 0.250	9.4 0.370	30.5 1.200	146.1 5.750
M-381191-10-8A	10,000	4	38.1 1.500	19.1 0.750	43.2 1.700	25.4 1.000	193.0 7.600
M-394064-10-8A	10,000	4	39.4 1.550	6.4 0.250	41.9 1.650	8.5 0.333	190.5 7.500
M-508095-5-8A	5,000	3	50.8 2.000	9.5 0.375	53.3 2.100	12.7 0.500	182.9 7.200
M-508254-4-8A	4,000	4	50.8 2.000	25.4 1.075	50.8 2.000	28.6 1.125	228.6 9.000
M-508318-3-8A	3,000	4	50.8 2.000	31.8 1.250	50.8 2.000	34.9 1.375	228.6 9.000
M-533064-5-8A	5,000	3	53.3 2.100	6.4 0.250	55.9 2.200	8.5 0.333	190.5 7.500
M-673254-3-8A	3,000	3	67.3 2.650	25.4 1.000	67.3 2.650	38.1 1.500	227.3 8.950
M-673349-3-8A	3,000	3	67.3 2.650	34.9 1.375	67.3 2.650	38.1 1.500	227.3 8.950
M-699254-2.5-8A	2,500	3	69.9 2.750	25.4 1.000	73.0 2.875	28.6 1.125	241.3 9.500
M-699318-2.5-8A	2,500	3	69.9 2.750	31.8 1.250	73.0 2.875	34.9 1.375	241.3 9.500
M-711064-5-8A	5,000	1	71.1 2.800	6.4 0.250	N/A N/A	8.5 0.333	96.5 3.800
M-762508-1-8A	1,000	2	76.2 3.000	50.8 2.000	79.4 3.125	54.0 2.125	181.0 7.130
M-920254-2.5-8A	2,500	2	92.0 3.620	25.4 1.000	94.6 3.725	28.6 1.125	212.1 8.350
M-920381-2.5-8A	2,500	2	92.0 3.620	38.1 1.500	95.3 3.750	41.3 1.625	212.8 8.380
M-165101-1-8A	1,000	1	165.1 6.500	101.6 4.000	N/A N/A	108.0 4.250	190.5 7.500

K Kapton® labels

Tyco Electronics K is a dot matrix printable, 2 mil thick tan polyimide (Kapton®) with a permanent acrylic adhesive that is ideal for high temperature labeling requirements such as printed circuit boards. It is suitable for direct wave (bottom side) and IR reflow (top side) PCB applications, and is designed to withstand the fluxes, cleaning solvents and molten solder encountered in the manufacture of printed circuit boards. With a flash exposure service temperature of +538°C (+1000°F), K is suitable for the harshest high temperature applications. For reliable print performance and durability, use with Tyco Electronics 1892BK01 ribbon.



Features and benefits

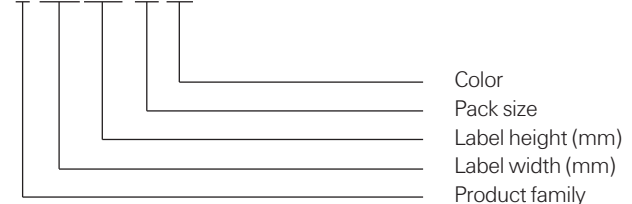
- Dot matrix printable
- Matte finish for better print contrast
- Product approved for aerospace/defense applications
- Exceptional durability and tear resistance
- High temperature permanent acrylic adhesive
- Superior solvent and UV resistance
- Low outgassing



Specifications	TTDS-007
Adhesive	Permanent acrylic
Service temperature*	-40°C to +260°C -40°F to +500°F *Flash exposure to +538°C (+1000°F)
Recommended printer	AM6310
Recommended ribbon	1892BK01

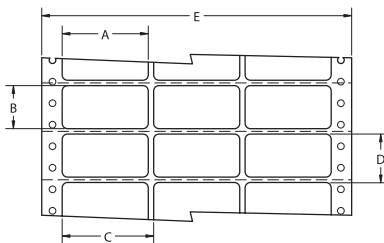
Part numbering system

K-064064-10-1A



K Kapton® labels

Ordering information



Product dimensions

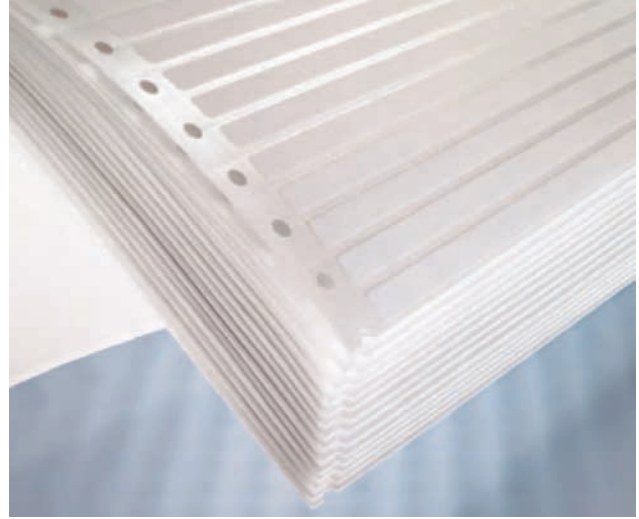
Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
K-064064-10-1A	10,000	20	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	8.5 <i>0.333</i>	152.4 <i>6.000</i>
K-080080-10-1A	10,000	10	8.0 <i>0.315</i>	8.0 <i>0.315</i>	8.0 <i>0.315</i>	12.7 <i>0.500</i>	105.4 <i>4.150</i>
K-095095-10-1A	10,000	16	9.5 <i>0.375</i>	9.5 <i>0.375</i>	12.7 <i>0.500</i>	12.7 <i>0.500</i>	226.1 <i>8.900</i>
K-165051-10-1A	10,000	10	16.5 <i>0.650</i>	5.1 <i>0.200</i>	20.3 <i>0.800</i>	6.4 <i>0.250</i>	224.8 <i>8.850</i>
K-191064-10-1A	10,000	9	19.1 <i>0.750</i>	6.4 <i>0.250</i>	22.9 <i>0.900</i>	8.5 <i>0.333</i>	227.3 <i>8.950</i>
K-229064-10-1A	10,000	8	22.9 <i>0.900</i>	6.4 <i>0.250</i>	25.4 <i>1.000</i>	8.5 <i>0.333</i>	226.1 <i>8.900</i>
K-254095-10-1A	10,000	7	25.4 <i>1.000</i>	9.5 <i>0.375</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	218.4 <i>8.600</i>
K-254127-10-1A	10,000	7	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	218.4 <i>8.600</i>
K-293064-10-1A	10,000	4	29.3 <i>1.150</i>	6.4 <i>0.250</i>	9.4 <i>0.370</i>	30.5 <i>1.200</i>	146.1 <i>5.750</i>

E White polyester labels

Tyco Electronics E is a dot matrix printable white polyester film with a permanent acrylic adhesive that is ideal for PCB and component labeling, as well as general purpose labeling applications that require a high durability white label. It is resistant to a variety of solvents while maintaining print quality. E is UL Listed and its print performance and durability are reliable when used with Tyco Electronics 1892BK01 ribbon.

Features and benefits

- Dot matrix printable
- Cost-efficient for general purpose, low volume applications
- Exceptional durability and strength
- Resistant to oil, water and several common fluids
- UL Listed



Specifications/Approvals

Tyco Electronics	TTDS-071
Industry	UL MH14363 Group PGGU2

Adhesive

Permanent acrylic

Service temperature

-53°C to +93°C -65°F to +200°F

Recommended printer

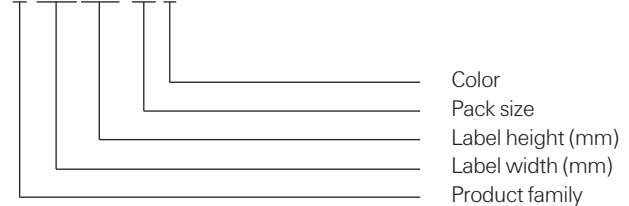
AM6310

Recommended ribbon

1892BK01

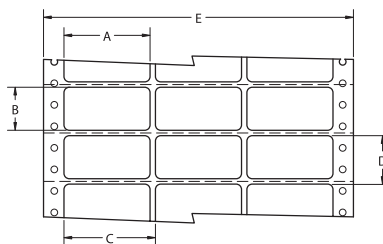
Part numbering system

E-064064-10-9



E White polyester labels

Ordering information



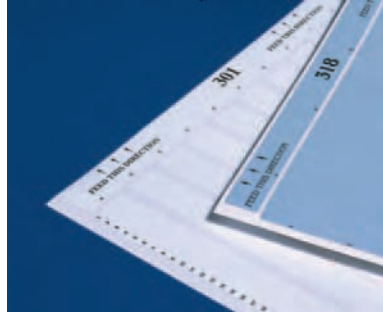
Product dimensions

Product order code	Package quantity	Labels across	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>	Web width (E) mm <i>inches</i>
E-064064-10-9	10,000	20	6.4 <i>0.250</i>	6.4 <i>0.250</i>	6.4 <i>0.250</i>	8.5 <i>0.333</i>	152.4 <i>6.000</i>
E-080080-10-9	10,000	10	8.0 <i>0.315</i>	8.0 <i>0.315</i>	8.0 <i>0.315</i>	12.7 <i>0.500</i>	105.4 <i>4.150</i>
E-095095-10-9	10,000	16	9.5 <i>0.375</i>	9.5 <i>0.375</i>	12.7 <i>0.500</i>	12.7 <i>0.500</i>	226.1 <i>8.900</i>
E-127111-10-9	10,000	13	12.7 <i>0.500</i>	11.1 <i>0.437</i>	15.2 <i>0.600</i>	15.9 <i>0.625</i>	221 <i>8.700</i>
E-154064-10-9	10,000	7	15.4 <i>0.600</i>	6.4 <i>0.250</i>	17.8 <i>0.700</i>	8.5 <i>0.333</i>	147.3 <i>5.800</i>
E-165051-10-9	10,000	10	16.5 <i>0.650</i>	5.1 <i>0.200</i>	20.3 <i>0.800</i>	6.4 <i>0.250</i>	224.8 <i>8.850</i>
E-191064-10-9	10,000	9	19.1 <i>0.750</i>	6.4 <i>0.250</i>	22.9 <i>0.900</i>	8.5 <i>0.333</i>	227.3 <i>8.950</i>
E-203127-10-9	10,000	10	20.3 <i>0.800</i>	12.7 <i>0.500</i>	20.3 <i>0.800</i>	15.9 <i>0.625</i>	228.6 <i>9.000</i>
E-229064-10-9	10,000	8	22.9 <i>0.900</i>	6.4 <i>0.250</i>	25.4 <i>1.000</i>	8.5 <i>0.333</i>	226.1 <i>8.900</i>
E-254095-10-9	10,000	7	25.4 <i>1.000</i>	9.5 <i>0.375</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>	218.4 <i>8.600</i>
E-254127-10-9	10,000	7	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	16.9 <i>0.666</i>	218.4 <i>8.600</i>
E-293064-10-9	10,000	4	29.3 <i>1.150</i>	6.4 <i>0.250</i>	9.4 <i>0.370</i>	30.5 <i>1.200</i>	146.1 <i>5.750</i>
E-381191-10-9	10,000	4	38.1 <i>1.500</i>	19.1 <i>0.750</i>	43.2 <i>1.700</i>	25.4 <i>1.000</i>	193.0 <i>7.600</i>
E-394064-10-9	10,000	4	39.4 <i>1.550</i>	6.4 <i>0.250</i>	41.9 <i>1.650</i>	8.5 <i>0.333</i>	190.5 <i>7.500</i>
E-508095-5-9	5,000	3	50.8 <i>2.000</i>	9.5 <i>0.375</i>	53.3 <i>2.100</i>	12.7 <i>0.500</i>	182.9 <i>7.200</i>
E-508254-4-9	4,000	4	50.8 <i>2.000</i>	25.4 <i>1.000</i>	50.8 <i>2.000</i>	28.6 <i>1.125</i>	228.6 <i>9.000</i>
E-508318-3-9	3,000	4	50.8 <i>2.000</i>	31.8 <i>1.250</i>	50.8 <i>2.000</i>	34.9 <i>1.375</i>	228.6 <i>9.000</i>
E-533064-5-9	5,000	3	53.3 <i>2.100</i>	6.4 <i>0.250</i>	55.9 <i>2.200</i>	8.5 <i>0.333</i>	190.5 <i>7.500</i>
E-673254-3-9	3,000	3	67.3 <i>2.650</i>	25.4 <i>1.000</i>	67.3 <i>2.650</i>	38.1 <i>1.500</i>	227.3 <i>8.950</i>
E-673349-3-9	3,000	3	67.3 <i>2.650</i>	34.9 <i>1.375</i>	67.3 <i>2.650</i>	38.1 <i>1.500</i>	227.3 <i>8.950</i>
E-699254-2.5-9	2,500	3	69.9 <i>2.750</i>	25.4 <i>1.000</i>	73.0 <i>2.875</i>	28.6 <i>1.125</i>	241.3 <i>9.500</i>
E-699318-2.5-9	2,500	3	69.9 <i>2.750</i>	31.8 <i>1.250</i>	73.0 <i>2.875</i>	34.9 <i>1.375</i>	241.3 <i>9.500</i>
E-711064-5-9	5,000	1	71.1 <i>2.800</i>	6.4 <i>0.250</i>	N/A N/A	8.5 <i>0.333</i>	96.5 <i>3.800</i>
E-762508-1-9	1,000	2	76.2 <i>3.000</i>	50.8 <i>2.000</i>	79.4 <i>3.125</i>	54.0 <i>2.125</i>	181.0 <i>7.130</i>
E-920254-2.5-9	2,500	2	92.0 <i>3.620</i>	25.4 <i>1.000</i>	94.6 <i>3.725</i>	28.6 <i>1.125</i>	212.1 <i>8.350</i>
E-920381-2.5-9	2,500	2	92.0 <i>3.620</i>	38.1 <i>1.500</i>	95.3 <i>3.750</i>	41.3 <i>1.625</i>	212.8 <i>8.380</i>
E-165101-1-9	1,000	1	165.1 <i>6.500</i>	101.6 <i>4.000</i>	N/A N/A	108.0 <i>4.250</i>	190.5 <i>7.500</i>

LE/LM/LEB2 Polyester labels

LE

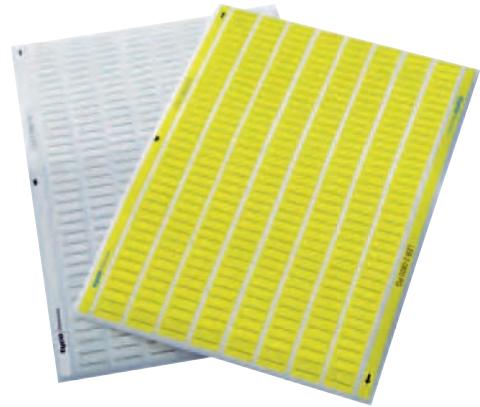
Tyco Electronics LE is a white polyester film with a permanent acrylic adhesive and a special top-coat designed specifically for use with laser and ink jet printers. It is ideal for bar coding, PCB and component labeling, and general labeling applications requiring a white high durability label. LE offers high print resolution as well as good solvent and smudge resistance.



LM

Tyco Electronics LM is a metalized polyester film with a permanent acrylic adhesive and a special top-coat designed specifically for use with laser and ink jet printers. It is ideal for rating plate applications and other applications that require a "metal look" such as nameplates and equipment labels to detail product information and serial numbers.

Note: On large label formats, some curl may occur on printing due to duration of time in the laser printer.



LEB2

LEB2, our A4 size symmetrically-designed laser and ink jet labels, guarantee a proper feeding in the paper tray. The label sheet can be used in both directions and is also usable for the stack function of your printer. The sheets can be used several times if partial label amounts need to be printed. Special surface coatings guarantee an extremely high aging-resistance of the printing image.

Features and benefits

- Laser printable
- Exceptional durability and tear strength
- Suitable for low volume applications
- Excellent for bar code applications
- Good resistance to common fluids and water
- LM metalized appearance is ideal for rating plate applications.
- LEB2 features symmetrical design – can be printed on from both top sides



Specifications/Approvals

Tyco Electronics		LE	TTDS-069
		LM	TTDS-070
Industry	UL	LM	MH14363 Group PGGU2

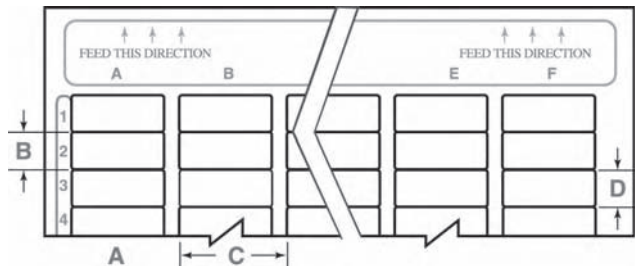
Adhesive

Permanent acrylic

Service temperature

–40°C to +150°C –40°F to +302°F

Ordering information



LE/LM/LEB2 Polyester labels

Ordering information

LE

Product order code	Package quantity	Labels across	Labels per sheet	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>
314-LE	4,000	16	400	9.5 <i>0.375</i>	9.5 <i>0.375</i>	12.7 <i>0.500</i>	9.5 <i>0.375</i>
301-LE	4,800	10	480	16.5 <i>0.650</i>	5.1 <i>0.200</i>	20.3 <i>0.800</i>	5.1 <i>0.200</i>
303-LE	3,040	8	304	20.3 <i>0.800</i>	6.4 <i>0.250</i>	25.4 <i>1.000</i>	6.4 <i>0.250</i>
304-LE	1,520	8	152	20.3 <i>0.800</i>	12.7 <i>0.500</i>	25.4 <i>1.000</i>	12.7 <i>0.500</i>
309-LE	2,660	7	266	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	6.4 <i>0.250</i>
305-LE	1,750	7	175	25.4 <i>1.000</i>	9.5 <i>0.375</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>
307-LE	1,330	7	133	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>
310-LE	1,900	5	190	38.1 <i>1.500</i>	6.4 <i>0.250</i>	40.6 <i>1.600</i>	6.4 <i>0.250</i>
308-LE	600	5	60	38.1 <i>1.500</i>	19.1 <i>0.750</i>	40.6 <i>1.600</i>	19.1 <i>0.750</i>
318-LE	400	4	40	50.8 <i>2.000</i>	25.4 <i>1.000</i>	50.8 <i>2.000</i>	25.4 <i>1.000</i>
319-LE	100	2	10	76.2 <i>3.000</i>	50.8 <i>2.000</i>	88.9 <i>3.500</i>	50.8 <i>2.000</i>
325-LE	10	1	1	215.9 <i>8.500</i>	279.4 <i>11.000</i>	N/A N/A	N/A N/A

LM

Product order code	Package quantity	Labels across	Labels per sheet	Label width (A) mm <i>inches</i>	Label height (B) mm <i>inches</i>	Horizontal repeat (C) mm <i>inches</i>	Vertical repeat (D) mm <i>inches</i>
314-LM	4,000	16	400	9.5 <i>0.375</i>	9.5 <i>0.375</i>	12.7 <i>0.500</i>	9.5 <i>0.375</i>
301-LM	4,800	10	480	16.5 <i>0.650</i>	5.1 <i>0.200</i>	20.3 <i>0.800</i>	5.1 <i>0.200</i>
303-LM	3,040	8	304	20.3 <i>0.800</i>	6.4 <i>0.250</i>	25.4 <i>1.000</i>	6.4 <i>0.250</i>
304-LM	1,520	8	152	20.3 <i>0.800</i>	12.7 <i>0.500</i>	25.4 <i>1.000</i>	12.7 <i>0.500</i>
309-LM	2,660	7	266	25.4 <i>1.000</i>	6.4 <i>0.250</i>	27.9 <i>1.100</i>	6.4 <i>0.250</i>
305-LM	1,750	7	175	25.4 <i>1.000</i>	9.5 <i>0.375</i>	27.9 <i>1.100</i>	9.5 <i>0.375</i>
307-LM	1,330	7	133	25.4 <i>1.000</i>	12.7 <i>0.500</i>	27.9 <i>1.100</i>	12.7 <i>0.500</i>
310-LM	1,900	5	190	38.1 <i>1.500</i>	6.4 <i>0.250</i>	40.6 <i>1.600</i>	6.4 <i>0.250</i>
308-LM	600	5	60	38.1 <i>1.500</i>	19.1 <i>0.750</i>	40.6 <i>1.600</i>	19.1 <i>0.750</i>
318-LM	400	4	40	50.8 <i>2.000</i>	25.4 <i>1.000</i>	50.8 <i>2.000</i>	25.4 <i>1.000</i>
319-LM	100	2	10	76.2 <i>3.000</i>	50.8 <i>2.000</i>	88.9 <i>3.500</i>	50.8 <i>2.000</i>
325-LM	10	1	1	215.9 <i>8.500</i>	279.4 <i>11.000</i>	N/A N/A	N/A N/A

LEB2

Product order code	Labels per sheet	Label height mm <i>inches</i>	Label width mm <i>inches</i>	Labels per column	Labels per row
LEB2-0615P <color>	480	6.0 <i>0.236</i>	15.0 <i>0.590</i>	48	10
LEB2-0818P <color>	324	8.0 <i>0.315</i>	18.0 <i>0.709</i>	36	9
LEB2-0820P <color>	288	8.0 <i>0.315</i>	20.0 <i>0.787</i>	36	8
LEB2-0825P <color>	252	8.0 <i>0.315</i>	25.0 <i>0.984</i>	36	7
LEB2-0916P <color>	320	9.0 <i>0.354</i>	16.0 <i>0.630</i>	32	10
LEB2-1318P <color>	198	13.0 <i>0.512</i>	18.0 <i>0.709</i>	22	9
LEB2-1325P <color>	154	13.0 <i>0.512</i>	25.0 <i>0.984</i>	22	7

Sheet sizes

LE, LM	8.5" x 11"
LEB2	A4

Options (LEB2 only)

Colors	Yellow	White	Silver
Code	4	9	8A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[HW-191064-10-9](#)