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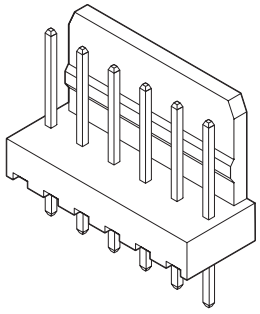
Jameco Part Number 1966157

2.54mm (.100") Pitch KK® Header

6410 Vertical Friction Lock



Features and Benefits
- Sizes 2 to 28 circuits
- Friction lock provides passive lock to connector with ramp
- Good in high vibration applications
- Higher backwall than the 6373 Series
- Various pin lengths available

Reference Information
Product Specification: PS-10-07
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 2695 with locking ramp, 6471 and 7880
Designed In: Inches

Electrical
Voltage: 250V
Current: 4.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 50K Megohms min.

Physical
Housing: Nylon, UL 94V-0
Contact: Brass, 0.64mm (.025") square
Plating: See Table
Operating Temperature: 0 to +75˚C

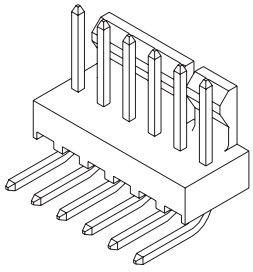
Circuits	Order No.		Lead-free
	Tin	Gold	
2	22-27-2021	22-29-2021	Yes
3	22-27-2031	22-29-2031	
4	22-27-2041	22-29-2041	
5	22-27-2051	22-29-2051	
6	22-27-2061	22-29-2061	
7	22-27-2071	22-29-2071	
8	22-27-2081	22-29-2081	
9	22-27-2091	22-29-2091	
10	22-27-2101	22-29-2101	

Circuits	Order No.		Lead-free
	Tin	Gold	
11	22-27-2111	22-29-2111	Yes
12	22-27-2121	22-29-2121	
13	22-27-2131	22-29-2131	
14	22-27-2141	22-29-2141	
15	22-27-2151	22-29-2151	
16	22-27-2161	22-29-2161	
17	22-27-2171	22-29-2171	
18	22-27-2181	22-29-2181	
19	22-27-2191	22-29-2191	

Circuits	Order No.		Lead-free
	Tin	Gold	
20	22-27-2201	22-29-2201	Yes
21	22-27-2211	22-29-2211	
22	22-27-2221	22-29-2221	
23	22-27-2231	22-29-2231	
24	22-27-2241	22-29-2241	
25	22-27-2251	22-29-2251	
26	22-27-2261	22-29-2261	
27	22-27-2271	22-29-2271	
28	22-27-2281	22-29-2281	

2.54mm (.100") Pitch KK® Solid Header

7478 Right Angle, Friction Lock



Features and Benefits
- Sizes 2 to 28 circuits
- Friction lock provides passive lock to connector with ramp
- 7478 with voids is 7832 Series
- Various pin lengths available
- End-to-end stackable
- Edge mount only

Reference Information
Product Specification: PS-10-07
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 2695, 4455, 6471, 7720 and 7880
Designed In: Inches

Electrical
Voltage: 250V
Current: 4.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 50K Megohms min.

Mechanical
Durability: Tin—25 cycles max.
Gold—100 cycles max.

Physical
Housing: Nylon, UL 94V-0
Contact: Brass, 0.64mm (.025") square
Plating: See Table
Operating Temperature: 0 to +75˚C

Circuits	Order No.		Lead-free
	Tin	Gold	
2	22-05-3021	22-12-2024	Yes
3	22-05-3031	22-12-2034	
4	22-05-3041	22-12-2044	
5	22-05-3051	22-12-2054	
6	22-05-3061	22-12-2064	
7	22-05-3071	22-12-2074	
8	22-05-3081	22-12-2084	
9	22-05-3091	22-12-2094	
10	22-05-3101	22-12-2104	

Circuits	Order No.		Lead-free
	Tin	Gold	
11	22-05-3111	22-12-2114	Yes
12	22-05-3121	22-12-2124	
13	22-05-3131	22-12-2134	
14	22-05-3141	22-12-2144	
15	22-05-3151	22-12-2154	
16	22-05-3161	22-12-2164	
17	22-05-3171	22-12-2174	
18	22-05-3181	22-12-2184	
19	22-05-3191	22-12-2194	

Circuits	Order No.		Lead-free
	Tin	Gold	
20	22-05-3201	22-12-2204	Yes
21	22-05-3211	22-12-2214	
22	22-05-3221	22-12-2224	
23	22-05-3231	22-12-2234	
24	22-05-3241	22-12-2244	
25	22-05-3251	22-12-2254	
26	22-05-3261	22-12-2264	
27	22-05-3271	22-12-2274	
28	22-05-3281	22-12-2284	

Note: Circuit 1 designation is used to orient the header to locate the voided circuit. Review mating connector to assure correct mating orientation.

PRODUCT SPECIFICATION

1.0 SCOPE

This Product Specification covers the 2.54 mm (.100 inch) centerline (pitch) 0.64 mm (.025) square pin headers when mated with either printed circuit board (PCB) connectors or connectors terminated with 22 to 28 AWG wire using crimp technology.

2.0 PRODUCT DESCRIPTION

2.1 PRODUCT NAME AND SERIES NUMBERS

Crimp Terminals: 2759, 41572, 6459
Crimp Housings: 2695
PCB Connectors: 4455, 42625
Headers: 4030, 4094, 6373, 7478, 42225, 42226, 42227, 42228, 42152, 42153, 42375, 42376, 42377, 42624.
Other products conforming to this specification are noted on the individual drawings.

2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

Terminal Material: Brass or Phos. Bronze (for Max performance use phos bronze material.)
Housing: Nylon or Polyester
Pins: Brass or Phos. Bronze
For more information on dimensions, materials, and plating see the individual drawings.

2.3 SAFETY AGENCY APPROVALS

UL File Number …….. E29179
CSA ……...LR19980

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

None

4.0 RATINGS

4.1 VOLTAGE

250 Volts

4.2 CURRENT AND APPLICABLE WIRES

(Current is dependent on connector size, contact material, plating, ambient temperature, printed circuit board characteristics and related factors. Actual current rating is application dependent and should be evaluated for each application.)

AWG	Amps (Max)	Outside Insulation Diameter
22	4.00	See Drawings
24	3.75	See Drawings
26	3.50	See Drawings
28	3.00	See Drawings

4.3 TEMPERATURE (ambient + 30° temp rise)

Operating: 0°C to +75°C
Nonoperating: - 40°C to +105°C

5.0 PERFORMANCE

5.1 ELECTRICAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Contact Resistance (Low Level)	Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA.	10 milliohms MAXIMUM [initial]
Contact Resistance of Wire Termination (Low Level)	Terminate the applicable wire to the terminal and measure wire using a voltage of 20 mV and a current of 100 mA.	2 milliohms MAXIMUM [initial]
Insulation Resistance	Unmate & unmount connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.	1000 Megohms MINIMUM
Dielectric Withstanding Voltage	Unmate connectors: apply a voltage of {two times the rated voltage plus 1000 volts} VAC for 1 minute between adjacent terminals and between terminals to ground.	No breakdown
Capacitance	Measure between adjacent terminals at 1 MHz.	2 picofarads MAXIMUM
Temperature Rise (via Current Cycling)	Mate connectors: measure the temperature rise at the rated current after: 1) 96 hours (steady state) 2) 240 hours (45 minutes ON and 15 minutes OFF per hour) 3) 96 hours (steady state)	Temperature rise: +30°C MAXIMUM

5.2 MECHANICAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT		
Connector Mate and Unmate Forces	Per circuit when mated to an .025 Sq. pin. Mate and unmate connector (male to female) at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute.	1.95 N (0.438 lbf) MAXIMUM insertion force & 0.56 N (0.125 lbf) MINIMUM withdrawal force		
Terminal Retention Force (in Housing)	Axial pullout force on the terminal in the housing at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (Forces will change with platings and materials.)	17.8 N (4.0 lbf) MINIMUM withdrawal force		
Terminal Insertion Force (into Housing)	Apply an axial insertion force on the terminal at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (Forces will change with platings and materials.)	6.67 N (1.5 lbf) MAXIMUM insertion force		
Durability	Mate connectors up to 25 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests.	10 milliohms MAXIMUM (change from initial)		
Vibration (Random)	Mate connectors and vibrate per EIA 364-28, test condition VII.	10 milliohms MAXIMUM (change from initial) & Discontinuity < 1 microsecond		
Shock (Mechanical)	Mate connectors and shock at 50 g's with ½ sine wave (11 milliseconds) shocks in the ±X,±Y,±Z axes (18 shocks total).	10 milliohms MAXIMUM (change from initial]) & Discontinuity < 1 microsecond		
Wire Pullout Force (Axial)	Apply an axial pullout force on the wire at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (For maximum performance use Molex application tooling with stranded tinned copper wire)	22 awg = 44 N (10 lbf) 24 awg = 35 N (8 lbf) 26 awg = 26 N (6 lbf) 28 awg = 17 N (4 lbf) 30 awg = 13 N (3 lbf)		
Normal Force	Apply a perpendicular force.	2.94 N (300 grams) average		
Kinked PC Pin Insertion Force (into PCB Hole)	Apply an axial insertion force on pins at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute.	Number of kinked pins	Maximum Insertion force (per pin)	Average Insertion force (per pin)
		2	44.0 N (9.9 lbf)	15.1N (3.4 lbf)
		4	21.4 N (4.8 lbf)	9.8 N (2.2 lbf)
		6	18.2 N (4.1 lbf)	4.9 N (1.1 lbf)

5.3 ENVIRONMENTAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Shock (Thermal)	Mate connectors; expose to 5 cycles of: Temperature °C — Duration (Minutes) -40 +0/-3 — 30 +25 ±10 — 5 MAXIMUM +105 +3/-0 — 30 +25 ±10 — 5 MAXIMUM	10 milliohms MAXIMUM (change from initial) & Visual: No Damage
Thermal Aging	Mate connectors; expose to: 96 hours at 105 ± 2°C	10 milliohms MAXIMUM (change from initial]) & Visual: No Damage
Humidity (Steady State)	Mate connectors: expose to a temperature of 40 ± 2°C with a relative humidity of 90-95% for 96 hours. Note: Remove surface moisture and air dry for 1 hour prior to measurements.	10 milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at 500 VAC & Insulation Resistance: 1000 Megohms MINIMUM & Visual: No Damage
Humidity (Cyclic)	Mate connectors: cycle per EIA-364-31: 24 cycles at temperature 25 ± 3°C at 80 ± 5% relative humidity and 65 ± 3°C at 50 ± 5% relative humidity; dwell time of 1.0 hour; ramp time of 0.5 hours. {Note: Remove surface moisture and air dry for 1 hour prior to measurements.}	10 milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at 500 VAC & Insulation Resistance: 1000 Megohms MINIMUM & Visual: No Damage
Solderability	Per SMES-152	Solder coverage: 95% MINIMUM (per SMES-152)

5.3 ENVIRONMENTAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Solder Resistance	Dip connector terminal tails in solder: Solder Duration: 5 ± 0.5 seconds; Solder Temperature: 230 ± 5°C	Visual: No Damage to insulator material
Cold Resistance	Mate connectors: Duration: 96 hours; Temperature: -40 ± 3°C	10 milliohms MAXIMUM (change from initial) & Visual: No Damage
Corrosive Atmosphere: Flowing Mixed Gas (FMG)	Test per EIA-364-65, Class II, Exposure to gasses for 4 days, unmated.	10 milliohms MAXIMUM (change from initial) & Visual: No Damage

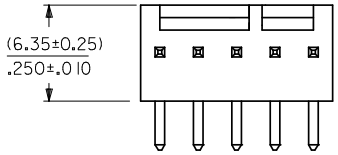
6.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.

7.0 GAGES AND FIXTURES

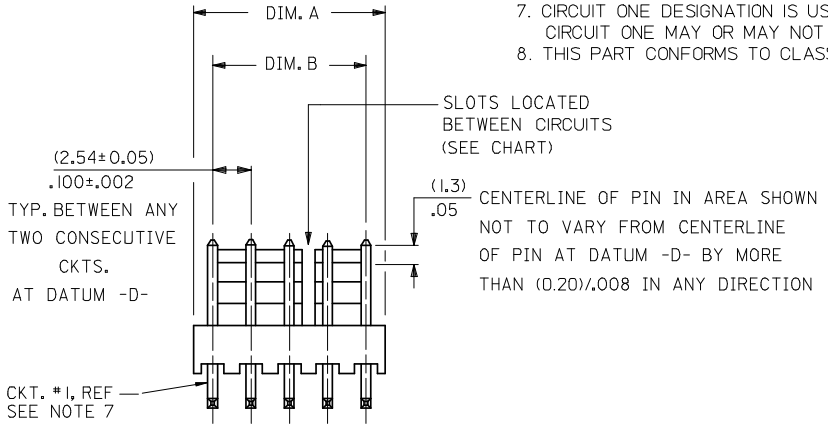
8.0 OTHER

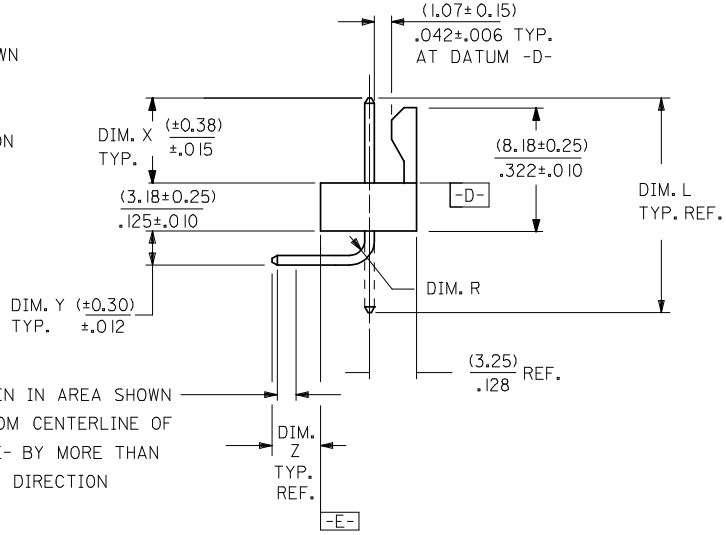
NO. OF CKTS.	DIM. A	DIM. B	SLOTS LOC.
28	(71.12/70.61) 2.800/2.780	(68.58±0.25) 2.700±.010	4, 5 24, 25
27	(68.58/68.07) 2.700/2.680	(66.04±0.25) 2.600±.010	4, 5 24, 25
26	(66.04/65.53) 2.600/2.580	(63.50±0.25) 2.500±.010	4, 5 20, 21
25	(63.50/62.99) 2.500/2.480	(60.96±0.25) 2.400±.010	4, 5 20, 21
24	(60.96/60.45) 2.400/2.380	(58.42±0.25) 2.300±.010	4, 5 20, 21
23	(58.42/57.96) 2.300/2.282	(55.88±0.23) 2.200±.009	4, 5 20, 21
22	(55.88/55.42) 2.200/2.182	(53.34±0.23) 2.100±.009	4, 5 16, 17
21	(53.34/52.88) 2.100/2.082	(50.80±0.23) 2.000±.009	4, 5 16, 17
20	(50.80/50.34) 2.000/1.982	(48.26±0.23) 1.900±.009	4, 5 16, 17
19	(48.26/47.80) 1.900/1.882	(45.72±0.23) 1.800±.009	4, 5 16, 17
18	(45.72/45.31) 1.800/1.784	(43.18±0.20) 1.700±.008	4, 5 12, 13
17	(43.18/42.77) 1.700/1.684	(40.64±0.20) 1.600±.008	4, 5 12, 13
16	(40.64/40.23) 1.600/1.584	(38.10±0.20) 1.500±.008	4, 5 12, 13
15	(38.10/37.69) 1.500/1.484	(35.56±0.20) 1.400±.008	4, 5 12, 13
14	(35.56/35.20) 1.400/1.386	(33.02±0.18) 1.300±.007	4, 5 8, 9
13	(33.02/32.66) 1.300/1.286	(30.48±0.18) 1.200±.007	4, 5 8, 9
12	(30.48/30.12) 1.200/1.186	(27.94±0.18) 1.100±.007	4, 5 8, 9
11	(27.94/27.58) 1.100/1.086	(25.40±0.18) 1.000±.007	4, 5 8, 9
10	(25.40/25.04) 1.000/.986	(22.86±0.15) .900±.006	4, 5
9	(22.86/22.50) .900/.886	(20.32±0.15) .800±.006	4, 5
8	(20.32/19.96) .800/.786	(17.78±0.15) .700±.006	4, 5
7	(17.78/17.42) .700/.686	(15.24±0.13) .600±.005	4, 5
6	(15.24/14.88) .600/.586	(12.70±0.13) .500±.005	4, 5
5	(12.70/12.40) .500/.488	(10.16±0.13) .400±.005	NONE
4	(10.16/9.86) .400/.388	(7.62±0.13) .300±.005	NONE
3	(7.62/7.32) .300/.288	(5.08±0.10) .200±.004	NONE
2	(5.08/4.78) .200/.188	(2.54±0.05) .100±.002	NONE

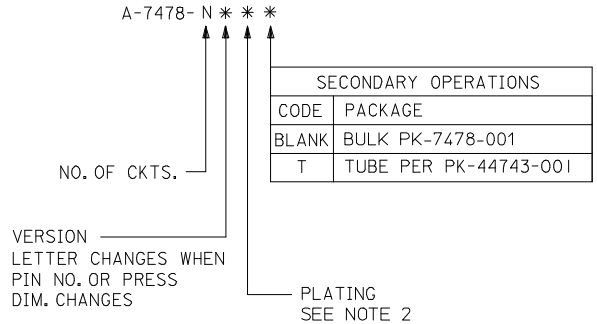


NOTES:

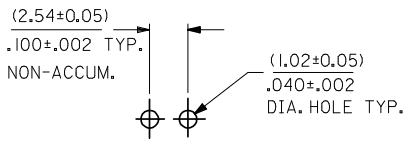
1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH:
   - (102) - OVERALL TIN: (0.00508)/.000200 MIN., OVERALL COPPER UNDERPLATE: (0.00254)/.000100 MIN.
   - (154) - OVERALL TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
   - (501) - OVERALL GOLD: (0.00051)/.000020 MIN., OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
   - (503) - OVERALL GOLD: (0.00076)/.000030 MIN., OVERALL NICKEL UNDERPLATE (0.00127)/.000050 MIN.
   - (531) - OVERALL GOLD: (0.00038)/.000015 MIN., OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
6. PIN PUSH OUT FORCE: 2 LBS. MIN.
7. CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION.
   CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE HOUSING.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.







SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PK-7478-001
T	TUBE PER PK-44743-001



RECOMMENDED P.C. BOARD HOLE LAYOUT

SHT	REV
7	Y4
6	W1
5	Y8
4	Y7
3	Y9
2	Y9
1	Y11

REMOVE ES-42003
EC NO: UCP2009-0359 2008/08/12
DRWN:GAVERILL 2008/08/14
CH'KD:MKIPPER
APPR:FSMITH
DESCRIPTION
Y11
REV

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN BY	GUZIC	1987/07/30
CHECKED BY	PATEL	1987/07/30
APPROVED BY	LENZ	1987/07/30

TITLE: FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-7478
SHEET NO.: 1 OF 7
SIZE: C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. R
A-7478-NA102	2766-4102)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046
A-7478-NA501	2766-4150)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046
A-7478-NA501T	2766-4150)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046
A-7478-NA102T	2766-4102)	(18.69) .736	(6.60) .260	(3.58) .141	(3.05) .120	90°	(1.17) .046

ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. Y	DIM. W	DIM. T

ADD A-7478-NA102T
EC NO: UCP2006-1815 2006/02/06
DRWN:ADERR 2006/02/06
CHKD:AELHAG 2006/02/09
APPR:FSMITH
DESCRIPTION
REV
Y9

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	GUZIK	1987/07/10
CHECKED BY	PATEL	1987/07/10
APPROVED BY	LENZ	1987/07/10

TITLE: FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-7478
SHEET NO.: 2 OF 7
SIZE: C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

A-7478-NA102

PART NO.		ENG. NO.
22-05-3021	*	A-7478-2A102
22-05-3031	*	A-7478-3A102
22-05-3041	*	A-7478-4A102
22-05-3051	*	A-7478-5A102
22-05-3061	*	A-7478-6A102
22-05-3071	*	A-7478-7A102
22-05-3081	*	A-7478-8A102
22-05-3091	*	A-7478-9A102
22-05-3101	*	A-7478-10A102
22-05-3111	*	A-7478-11A102
22-05-3121	*	A-7478-12A102
22-05-3131	*	A-7478-13A102
22-05-3141	*	A-7478-14A102
22-05-3151	*	A-7478-15A102
22-05-3161	*	A-7478-16A102
22-05-3171	*	A-7478-17A102
22-05-3181	*	A-7478-18A102
22-05-3191	*	A-7478-19A102
22-05-3201	*	A-7478-20A102
22-05-3211	*	A-7478-21A102
22-05-3221	*	A-7478-22A102
22-05-3231	*	A-7478-23A102
22-05-3241	*	A-7478-24A102
22-05-3251	*	A-7478-25A102
22-05-3261	*	A-7478-26A102
22-05-3271	*	A-7478-27A102
22-05-3281	*	A-7478-28A102

A-7478-NA501

PART NO.		ENG. NO.
22-12-2024	*	A-7478-2A501
22-12-2034	*	A-7478-3A501
22-12-2044	*	A-7478-4A501
22-12-2054		A-7478-5A501
22-12-2064	*	A-7478-6A501
22-12-2074	*	A-7478-7A501
22-12-2084	*	A-7478-8A501
22-12-2094	*	A-7478-9A501
22-12-2104	*	A-7478-10A501
22-12-2114	*	A-7478-11A501
22-12-2124	*	A-7478-12A501
22-12-2134	*	A-7478-13A501
22-12-2144	*	A-7478-14A501
22-12-2154	*	A-7478-15A501
22-12-2164	*	A-7478-16A501
22-12-2174	*	A-7478-17A501
22-12-2184	*	A-7478-18A501
22-12-2194	*	A-7478-19A501
22-12-2204	*	A-7478-20A501
22-12-2214	*	A-7478-21A501
22-12-2224	*	A-7478-22A501
22-12-2234	*	A-7478-23A501
22-12-2244	*	A-7478-24A501
22-12-2254	*	A-7478-25A501
22-12-2264	*	A-7478-26A501
22-12-2274	*	A-7478-27A501
22-12-2284	*	A-7478-28A501

A-7478-NA50IT

PART NO.	ENG. NO.
50-29-1710	A-7478-2A50IT
50-29-1711	A-7478-3A50IT
50-29-1705	A-7478-4A50IT
50-29-1712	A-7478-5A50IT
50-29-1713	A-7478-6A50IT
50-29-1714	A-7478-7A50IT
50-29-1715	A-7478-8A50IT
50-29-1716	A-7478-9A50IT
50-29-1717	A-7478-10A50IT
50-29-1718	A-7478-11A50IT
50-29-1719	A-7478-12A50IT
50-29-1720	A-7478-13A50IT
50-29-1721	A-7478-14A50IT
50-29-1722	A-7478-15A50IT
50-29-1723	A-7478-16A50IT
50-29-1724	A-7478-17A50IT
50-29-1725	A-7478-18A50IT
50-29-1726	A-7478-19A50IT
50-29-1727	A-7478-20A50IT
50-29-1728	A-7478-21A50IT
50-29-1729	A-7478-22A50IT
50-29-1730	A-7478-23A50IT
50-29-1731	A-7478-24A50IT
50-29-1732	A-7478-25A50IT
50-29-1733	A-7478-26A50IT
50-29-1734	A-7478-27A50IT
50-29-1735	A-7478-28A50IT

A-7478-NA102T

PART NO.	ENG. NO.
50-34-8500	A-7478-2A102T
50-34-8501	A-7478-3A102T
50-34-8502	A-7478-4A102T

PART NO.	ENG. NO.

PART NO.	ENG. NO.

ADD P/N'S
EC NO: UCP2006-1815 2006/02/06
DRWN:ADERR 2006/02/06
CHKD:AELHAG 2006/02/09
APPR:FSMITH
DESCRIPTION
Y9
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: GUZIK DATE: 1987/07/10
CHECKED BY: PATEL DATE: 1987/07/10
APPROVED BY: LENZ DATE: 1987/07/10

TITLE: FRICTION LOCK HEADER ASY .100 CL BENT SQ PINS 7478 SERIES DWG.

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-7478
SHEET NO.: 3 OF 7

SIZE C

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