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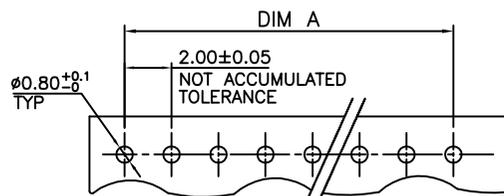
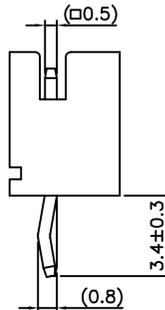
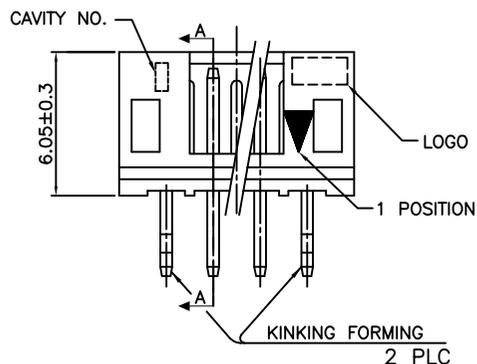
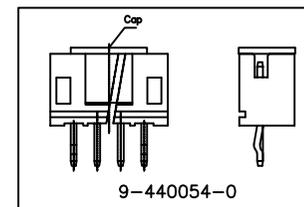
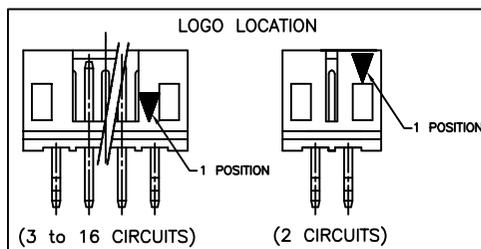
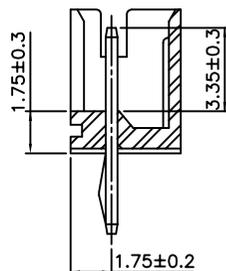
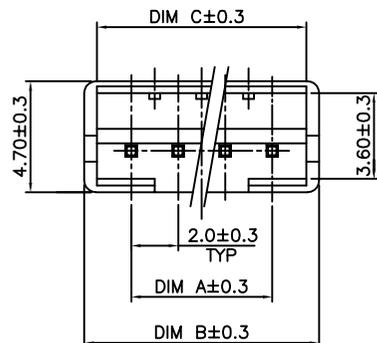
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		E6	REVISED ECR-17-002168	17DEC16	J.J W.H

NOTES:

- MATERIAL:
HOUSING: NYLON 66, UL94V-0, COLOR: SEE TABLE.
CONTACT: BRASS, THICKNESS=0.50mm.
- FINISH:
2.03um[80u"] MIN. BRIGHT-TIN PLATING ON CONTACT.
1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.
- WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.
109-202, CONDITION B.
- RAISED TYPE PN: 9-440054-2



PACKAGE	COLOR	DIM C	DIM B	DIM A	POS	PART NUMBER
OBSOLETE	RED	10.90	12.00	8.00	5P	6-440054-9
OBSOLETE	RED	8.90	10.00	6.00	4P	6-440054-8
OBSOLETE	RED	6.90	8.00	4.00	3P	6-440054-7
OBSOLETE	RED	4.90	6.00	2.00	2P	6-440054-6
OBSOLETE	BLACK	10.90	12.00	8.00	5P	6-440054-9
OBSOLETE	BLACK	8.90	10.00	6.00	4P	6-440054-8
OBSOLETE	BLACK	6.90	8.00	4.00	3P	6-440054-7
OBSOLETE	BLACK	4.90	6.00	2.00	2P	6-440054-6
OBSOLETE	YELLOW	10.90	12.00	8.00	5P	4-440054-9
OBSOLETE	YELLOW	8.90	10.00	6.00	4P	4-440054-8
OBSOLETE	YELLOW	6.90	8.00	4.00	3P	4-440054-7
OBSOLETE	YELLOW	4.90	6.00	2.00	2P	4-440054-6
OBSOLETE	BLUE	10.90	12.00	8.00	5P	2-440054-9
OBSOLETE	BLUE	8.90	10.00	6.00	4P	2-440054-8
OBSOLETE	BLUE	6.90	8.00	4.00	3P	2-440054-7
OBSOLETE	BLUE	4.90	6.00	2.00	2P	2-440054-6
OBSOLETE	NATURAL WHITE	32.90	34.00	30.00	16P	5-440054-6
OBSOLETE	NATURAL WHITE	30.90	32.00	28.00	15P	5-440054-5
OBSOLETE	NATURAL WHITE	28.90	30.00	26.00	14P	5-440054-4
OBSOLETE	NATURAL WHITE	26.90	28.00	24.00	13P	5-440054-3
OBSOLETE	NATURAL WHITE	24.90	26.00	22.00	12P	5-440054-2
OBSOLETE	NATURAL WHITE	22.90	24.00	20.00	11P	5-440054-1
OBSOLETE	NATURAL WHITE	20.90	22.00	18.00	10P	5-440054-0
OBSOLETE	NATURAL WHITE	18.90	20.00	16.00	9P	440054-9
OBSOLETE	NATURAL WHITE	16.90	18.00	14.00	8P	440054-8
OBSOLETE	NATURAL WHITE	14.90	16.00	12.00	7P	440054-7
OBSOLETE	NATURAL WHITE	12.90	14.00	10.00	6P	3-440054-6
OBSOLETE	NATURAL WHITE	10.90	12.00	8.00	5P	3-440054-5
OBSOLETE	NATURAL WHITE	8.90	10.00	6.00	4P	3-440054-4
OBSOLETE	NATURAL WHITE	6.90	8.00	4.00	3P	3-440054-3
OBSOLETE	NATURAL WHITE	4.90	6.00	2.00	2P	3-440054-2
POLY BAG	RED	10.90	12.00	8.00	5P	6-440054-9
POLY BAG	RED	8.90	10.00	6.00	4P	6-440054-8
POLY BAG	RED	6.90	8.00	4.00	3P	6-440054-7
POLY BAG	RED	4.90	6.00	2.00	2P	6-440054-6
POLY BAG	BLACK	10.90	12.00	8.00	5P	6-440054-9
POLY BAG	BLACK	8.90	10.00	6.00	4P	6-440054-8
POLY BAG	BLACK	6.90	8.00	4.00	3P	6-440054-7
POLY BAG	BLACK	4.90	6.00	2.00	2P	6-440054-6
POLY BAG	YELLOW	10.90	12.00	8.00	5P	4-440054-9
POLY BAG	YELLOW	8.90	10.00	6.00	4P	4-440054-8
POLY BAG	YELLOW	6.90	8.00	4.00	3P	4-440054-7
POLY BAG	YELLOW	4.90	6.00	2.00	2P	4-440054-6
POLY BAG	BLUE	10.90	12.00	8.00	5P	2-440054-9
POLY BAG	BLUE	8.90	10.00	6.00	4P	2-440054-8
POLY BAG	BLUE	6.90	8.00	4.00	3P	2-440054-7
POLY BAG	BLUE	4.90	6.00	2.00	2P	2-440054-6
TAPE REEL	RED	20.90	22.00	18.00	10P	9-440054-0
TAPE REEL	RED	32.90	34.00	30.00	16P	1-440054-6
TAPE REEL	RED	30.90	32.00	28.00	15P	1-440054-5
TAPE REEL	RED	28.90	30.00	26.00	14P	1-440054-4
TAPE REEL	RED	26.90	28.00	24.00	13P	1-440054-3
TAPE REEL	RED	24.90	26.00	22.00	12P	1-440054-2
TAPE REEL	RED	22.90	24.00	20.00	11P	1-440054-1
TAPE REEL	RED	20.90	22.00	18.00	10P	1-440054-0
POLY BAG	NATURAL WHITE	18.90	20.00	16.00	9P	440054-9
POLY BAG	NATURAL WHITE	16.90	18.00	14.00	8P	440054-8
POLY BAG	NATURAL WHITE	14.90	16.00	12.00	7P	440054-7
POLY BAG	NATURAL WHITE	12.90	14.00	10.00	6P	440054-6
POLY BAG	NATURAL WHITE	10.90	12.00	8.00	5P	440054-5
POLY BAG	NATURAL WHITE	8.90	10.00	6.00	4P	440054-4
POLY BAG	NATURAL WHITE	6.90	8.00	4.00	3P	440054-3
POLY BAG	NATURAL WHITE	4.90	6.00	2.00	2P	440054-2

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DWN O. HU
CHK S. HOU
APVD W.J. KE
PRODUCT SPEC
108-57100
APPLICATION SPEC

TE Connectivity

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE A3 CAGE CODE 00779 DRAWING NO. C=440054 RESTRICTED TO -

MATERIAL SEE NOTE FINISH SEE NOTE WEIGHT - GRAMS SCALE - SHEET 1 of 8 REV E6

CUSTOMER DRAWING

4

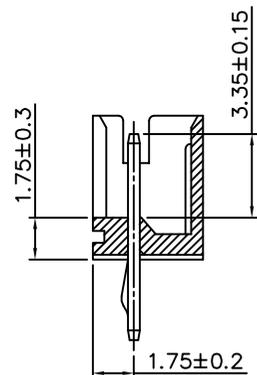
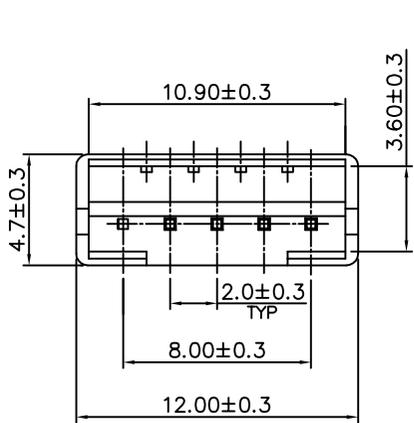
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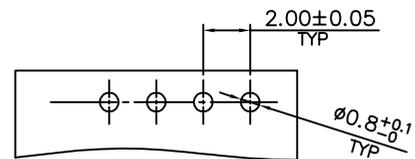
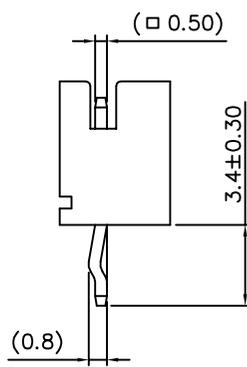
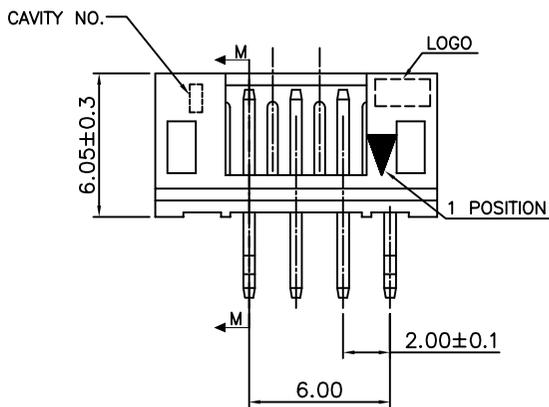
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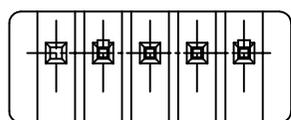
LOC		DIST		REVISIONS			DATE	DWN	APVD
P	LTR	DESCRIPTION							
		SEE SHEET 1.							



SECTION M-M



RECOMMENDER PCB LAYOUT
(PCB THK=1.0~1.6mm)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN		TE Connectivity		POLY BAG		NATURAL WHITE	PIN 5	4P	9-440054-5		
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:				CHK		PACKAGE		COLOR	PIN NUMBER LACKED	POS	PART NUMBER
0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.15 4 PLC ± - ANGLES ± 3°		FINISH				APVD		NAME		2.0 MM PITCH HPI VERTICAL POST HEADERS			
MATERIAL		SEE NOTE (PAGE 1.)				PRODUCT SPEC		APPLICATION SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
SEE NOTE (PAGE 1.)		SEE NOTE (PAGE 1.)		WEIGHT		CUSTOMER DRAWING		A3	00779	©=440054	-		
				SCALE		SHEET		2 of 8		REV E6			

4

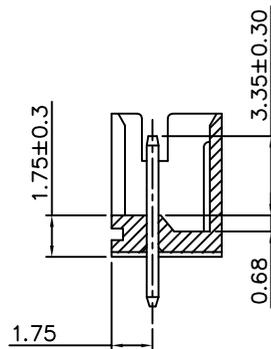
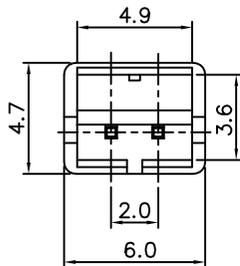
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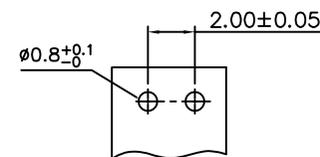
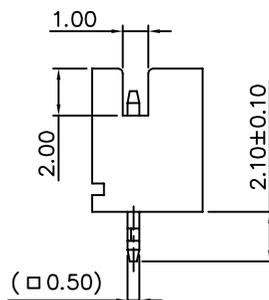
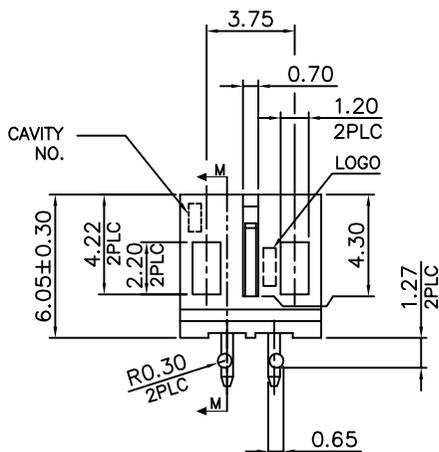
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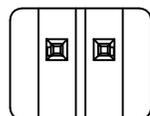
LOC		DIST		REVISIONS			DATE	DWN	APVD
P	LTR	DESCRIPTION							
		SEE SHEET 1.							



SECTION M-M



RECOMMENDED PCB LAYOUT
(PCB THK=1.0MM~1.6MM)



POLY BAG	NATURAL WHITE	2P	9-440054-2
PACKAGE	COLOR	POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity		NAME 2.0 MM PITCH HPI VERTICAL POST HEADERS		SIZE A3		CAGE CODE 00779		DRAWING NO C=440054		RESTRICTED TO -	
DIMENSIONS: MM		CHK												
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD												
0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.15 4 PLC ± - ANGLES ± 3°		PRODUCT SPEC												
MATERIAL		FINISH	WEIGHT	CUSTOMER DRAWING		SCALE	SHEET	3 of 8		REV		E6		
SEE NOTE (PAGE 1.)		SEE NOTE (PAGE 1.)												

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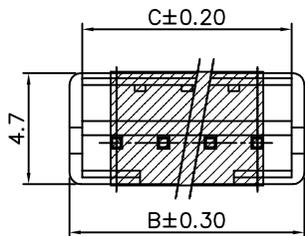
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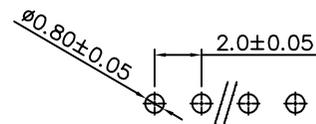
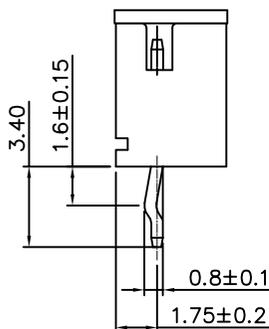
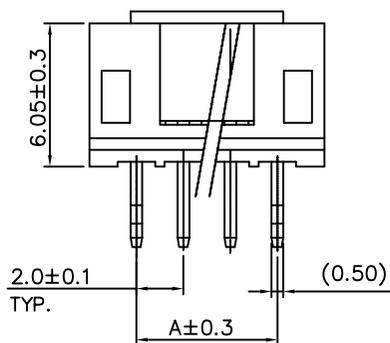
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		SEE SHEET 1.			



- NOTES:
 1. MATERIAL:
 HOUSING: NYLON 6T, UL94V-0, COLOR: SEE TABLE.
 CONTACT: BRASS, THICKNESS=0.50mm.
 2. FINISH:
 2.03um[80u"] MIN. BRIGHT-TIN PLATING ON CONTACT.
 1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.
 3. (SMT) REFLOW PROCESS NEED AFFORD 260°C.



RECOMMENDED PCB LAYOUT
 (PCB THK=1.0MM~1.6MM)

TAPE REEL PACKAGE	NATURAL WHITE COLOR	8.90 DIM C	10.00 DIM B	6.00 DIM A	4P POS	9-440054-4 PART NUMBER
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	STE TE Connectivity			
DIMENSIONS: MM		CHK				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	NAME			
0 PLC ± -		PRODUCT SPEC	2.0 MM PITCH HPI VERTICAL POST HEADERS			
1 PLC ± 0.3		APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
2 PLC ± 0.2			A3	00779	C=440054	-
3 PLC ± 0.15			CUSTOMER DRAWING			
4 PLC ± -			SCALE	SHEET	REV	
4 PLC ANGLES ± 3'			-	4 of 8	E6	
MATERIAL	FINISH	WEIGHT				
SEE NOTE (PAGE 1.)	SEE NOTE (PAGE 1.)					

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		SEE SHEET 1.			

POLY BAG

CARTON
 340mm(L)X 470mm(W)X 178mm(H)
 (FOR HEADER 2P~5P ONLY)

340mm(L)X 470mm(W)X 365mm(H)
 (FOR HEADER 6P~16P ONLY)

INEER BOX
 320mm(L)X 220mm(W)X 155mm(H)

17,600	550	4P	9-440054-5
40,000	1,000	2P	9-440054-2
17,600	550	5P	8-440054-5
20,800	650	4P	8-440054-4
27,000	750	3P	8-440054-3
40,000	1,000	2P	8-440054-2
17,600	550	5P	6-440054-5
20,800	650	4P	6-440054-4
27,000	750	3P	6-440054-3
40,000	1,000	2P	6-440054-2
16,000	250	12P	7-440054-6
18,000	250	11P	7-440054-5
19,200	300	10P	7-440054-4
22,400	350	9P	7-440054-3
22,400	350	8P	7-440054-2
25,600	400	7P	7-440054-1
28,800	450	6P	7-440054-0
17,600	550	5P	4-440054-5
20,800	650	4P	4-440054-4
27,000	750	3P	4-440054-3
40,000	1,000	2P	4-440054-2
17,600	550	5P	2-440054-5
20,800	650	4P	2-440054-4
27,000	750	3P	2-440054-3
40,000	1,000	2P	2-440054-2
12,000	200	16P	1-440054-6
12,000	200	15P	1-440054-5
12,800	200	14P	1-440054-4
15,000	250	13P	1-440054-3
16,000	250	12P	1-440054-2
18,000	250	11P	1-440054-1
19,200	300	10P	1-440054-0
22,400	350	9P	440054-9
22,400	350	8P	440054-8
25,600	400	7P	440054-7
28,800	450	6P	440054-6
17,600	550	5P	440054-5
20,800	650	4P	440054-4
27,000	750	3P	440054-3
40,000	1,000	2P	440054-2
APQ	PPQ	POS.	PART NUMBER
(PCS/CARTON)	(PCS/BAG)		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	DWN	 TE Connectivity NAME 2.0 MM PITCH HPI VERTICAL POST HEADERS SIZE A300779 ©=440054 DRAWING NO RESTRICTED TO
MATERIAL	FINISH	CHK	
		APVD	
		PRODUCT SPEC	
		APPLICATION SPEC	
CUSTOMER DRAWING		WEIGHT	SCALE
		SHEET 5 of 8 REV E6	

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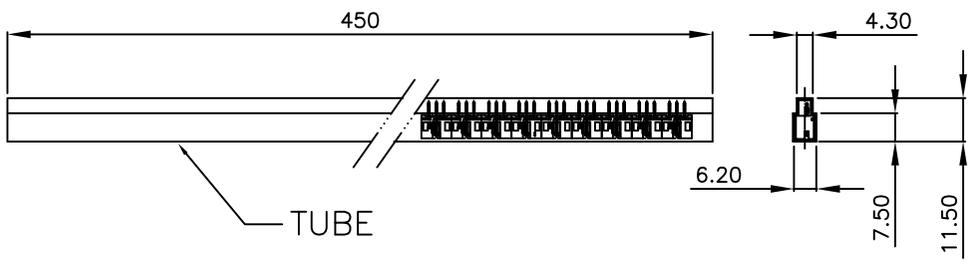
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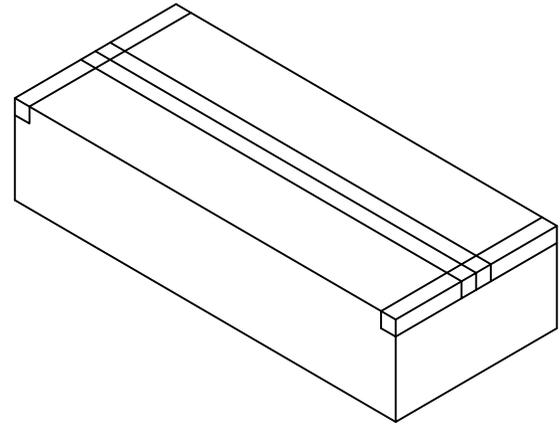
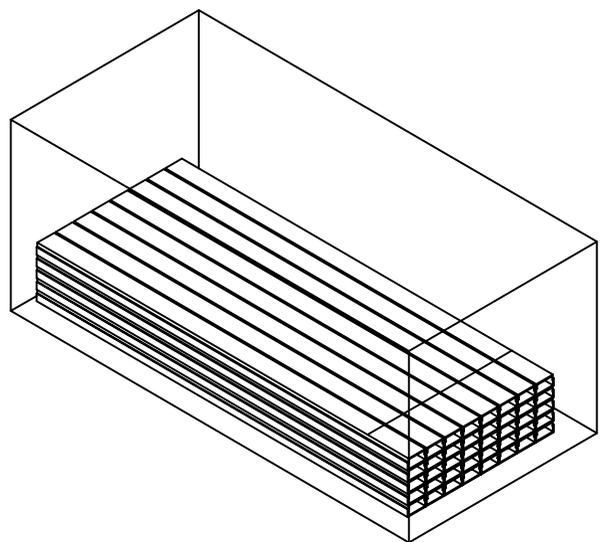
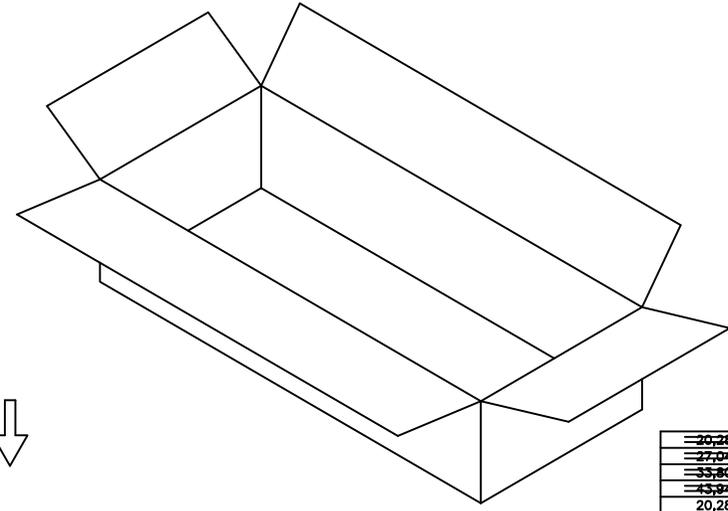
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		SEE SHEET 1.			



CARTON
 470 mm(L)X 340mm(W)X 178mm(H)



20,280	30	3P	8-440054-9
27,040	40	4P	8-440054-8
33,800	50	3P	8-440054-7
43,940	65	2P	8-440054-6
20,280	30	5P	6-440054-9
27,040	40	4P	6-440054-8
33,800	50	3P	6-440054-7
43,940	65	2P	6-440054-6
20,280	30	5P	4-440054-9
27,040	40	4P	4-440054-8
33,800	50	3P	4-440054-7
43,940	65	2P	4-440054-6
20,280	30	5P	2-440054-9
27,040	40	4P	2-440054-8
33,800	50	3P	2-440054-7
43,940	65	2P	2-440054-6
6,760	10	16P	5-440054-6
8,112	12	15P	5-440054-5
8,112	12	14P	5-440054-4
8,788	13	13P	5-440054-3
10,140	15	12P	5-440054-2
10,816	16	11P	5-440054-1
12,168	18	10P	5-440054-0
13,520	20	9P	3-440054-9
14,872	22	8P	3-440054-8
16,900	25	7P	3-440054-7
18,928	28	6P	3-440054-6
20,280	30	5P	3-440054-5
27,040	40	4P	3-440054-4
33,800	50	3P	3-440054-3
43,940	65	2P	3-440054-2
APQ	PPQ	POS.	PART NUMBER
(PCS/CARTON)	(PCS/TUBE)		

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DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± .
	1 PLC ± .
	2 PLC ± .
	3 PLC ± .
	4 PLC ± .
	ANGLES ± .
MATERIAL	FINISH

DWN	TE Connectivity		
CHK	NAME		
APVD	2.0 MM PITCH HPI VERTICAL POST HEADERS		
PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO
APPLICATION SPEC	A3	00779	C=440054
WEIGHT	CUSTOMER DRAWING		RESTRICTED TO
SCALE	SHEET	6 OF 8	REV E6

4

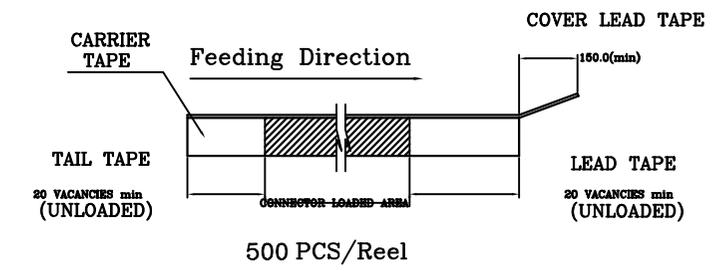
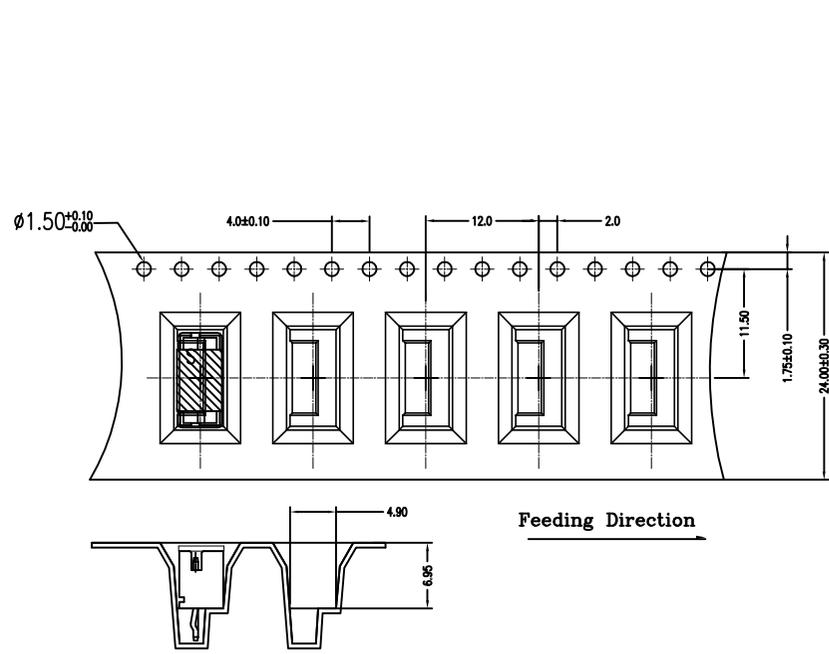
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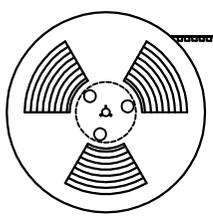
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		SEE SHEET 1.			



Feeding Direction



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± .1	1 PLC ± .1	2 PLC ± .1	3 PLC ± .1	4 PLC ± .1	ANGLES ± .1	FINISH	MATERIAL	WEIGHT	CUSTOMER DRAWING
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DWN	CHK	APVD	NAME
			2.0 MM PITCH HPI VERTICAL POST HEADERS
PRODUCT SPEC	APPLICATION SPEC	SIZE	CAGE CODE
		A3	00779
		DRAWING NO	RESTRICTED TO
		C=440054	

2000 APQ (PCS/CARTON) 500 PPQ (PCS/TUBE) 4P POS. 9-440054-4 PART NUMBER

STE TE Connectivity

SCALE: - SHEET: 7 of 8 REV: E6

4

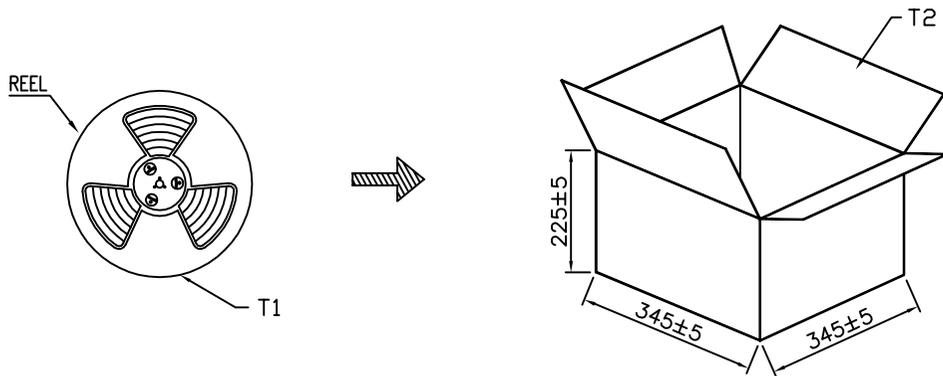
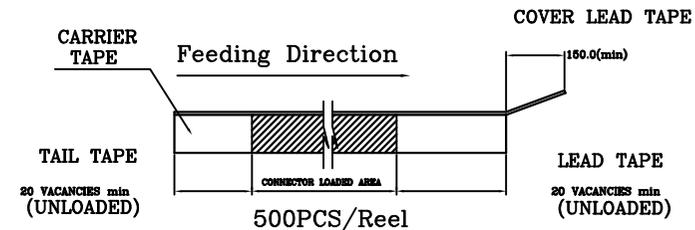
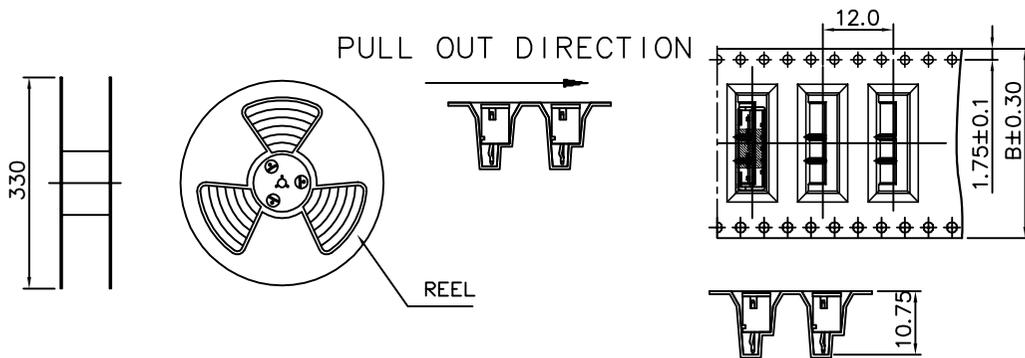
3

2

1

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
DW		SEE SHEET 1.			



POS	B(mm)	PCS./REEL	PCS/CARTON-T2
10P	44	500 PCS.	500X4=2000PCS.

NOTE:
9-440054-0 10PDS WAVE SOLDER PART CAP TYPE.

2000 APQ (PCS/CARTON)	500 PPQ (PCS/REEL)	10P POS.	9-440054-0 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	STE TE Connectivity	
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	CHK		
MATERIAL	FINISH	APVD	NAME	
		PRODUCT SPEC	2.0 MM PITCH HPI VERTICAL POST HEADERS	
		APPLICATION SPEC	SIZE	CAGE CODE
		WEIGHT	A3	00779
		CUSTOMER DRAWING	DRAWING NO	RESTRICTED TO
			C=440054	
			SCALE	SHEET 8 of 8
				REV E6

Mouser Electronics

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[TE Connectivity:](#)

[440054-8](#)