

4

3

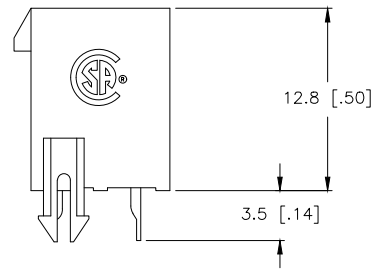
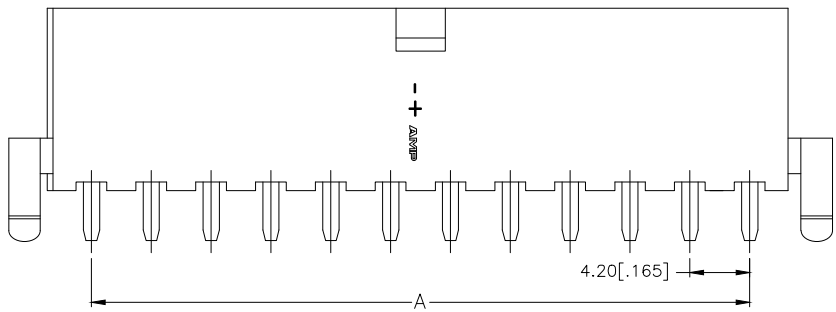
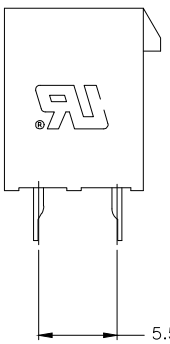
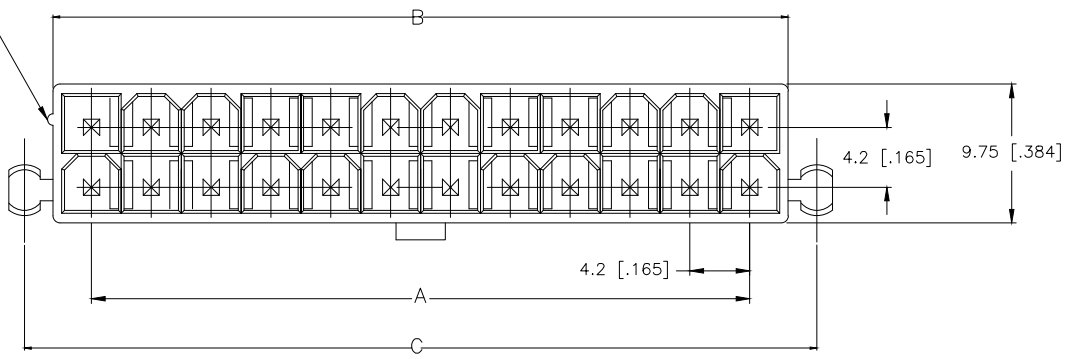
2

1

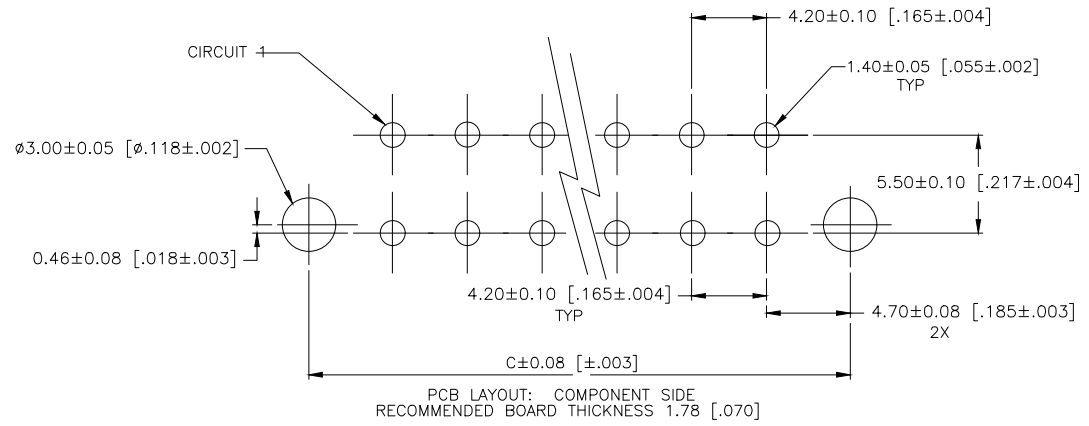
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LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD			
B8		REVISED PER ECO-19-018165	29NOV2019	WH	DZ			

POSITION 1  
IDENTIFICATION  
FEATURE



- 1 MATERIAL: HOUSING-NYLON, UL94V-0 (COLOR-NATURAL, COLOR OF PARTS MAY VARY) CONTACTS-0.25 [0.010] THICK BRASS ALLOY.
- 2 CONTACT FINISH: 0.002032 [0.000080] MIN BRIGHT TIN OVER 0.000381 [0.000015] MIN NICKEL OVER ENTIRE CONTACT.
- 3 MATES WITH VAL-U-LOK(TM) RECEPTACLE HOUSINGS.
- 4 CONTACT FINISH: 0.000076 [0.000030] MIN GOLD PLATE ON PIN MATING SURFACE, 0.003 [0.00012] MIN TIN PLATE ON OTHER SURFACE, ALL OVER 0.00127 [0.00005] MIN NICKEL BASE PLATE.



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED BOARD THICKNESS 1.78 [0.070]

2-1586040-4 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. HOOVER 25-SEP-2002		TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK D. COLEY 25-SEP-2002		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. COLEY 25-SEP-2002	PRODUCT SPEC		
0 PLC ±			108-2112		
1 PLC ± 0.5 [0.02]			APPLICATION SPEC		
2 PLC ± 0.25 [0.010]			114-13172		
3 PLC ±			SIZE A2	CAGE CODE 00779	DRAWING NO. ©=1586040
4 PLC ±			WEIGHT -	SCALE N/A	SHEET 1 of 2
ANGLES ±			CUSTOMER DRAWING		REV B8
MATERIAL 1		FINISH SEE TABLE			


1586040

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LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

$\triangle_4$	24	46.2±0.25 [1.82±.01]	51.6 [2.03]	55.6 [2.19]	5-1586040-4
$\triangle_4$	22	42.0±0.25 [1.65±.01]	47.4 [1.87]	51.4 [2.02]	5-1586040-2
$\triangle_4$	20	37.8±0.25 [1.49±.01]	43.2 [1.70]	47.2 [1.86]	5-1586040-0
$\triangle_4$	18	33.6±0.25 [1.32±.01]	39.0 [1.54]	43.0 [1.69]	4-1586040-8
$\triangle_4$	16	29.4±0.25 [1.16±.01]	34.8 [1.37]	38.8 [1.53]	4-1586040-6
$\triangle_4$	14	25.2±0.25 [.99±.01]	30.6 [1.21]	34.6 [1.36]	4-1586040-4
$\triangle_4$	12	21.0±0.25 [.83±.01]	26.4 [1.04]	30.4 [1.20]	4-1586040-2
$\triangle_4$	10	16.8±0.13 [.66±.005]	22.2 [.87]	26.2 [1.03]	4-1586040-0
$\triangle_4$	8	12.6±0.13 [.50±.005]	18.0 [.71]	22.0 [1.03]	3-1586040-8
$\triangle_4$	6	8.4±0.13 [.33±.005]	13.8 [.54]	17.8 [.70]	3-1586040-6
$\triangle_4$	2		5.4 [.21]	9.4 [.37]	3-1586040-2
$\triangle_4$	4	4.2±0.13 [.17±.005]	9.6 [.38]	13.6 [.54]	3-1586040-4
$\triangle_2$	24	46.2±0.25 [1.82±.01]	51.6 [2.03]	55.6 [2.19]	2-1586040-4
$\triangle_2$	22	42.0±0.25 [1.65±.01]	47.4 [1.87]	51.4 [2.02]	2-1586040-2
$\triangle_2$	20	37.8±0.25 [1.49±.01]	43.2 [1.70]	47.2 [1.86]	2-1586040-0
$\triangle_2$	18	33.6±0.25 [1.32±.01]	39.0 [1.54]	43.0 [1.69]	1-1586040-8
$\triangle_2$	16	29.4±0.25 [1.16±.01]	34.8 [1.37]	38.8 [1.53]	1-1586040-6
$\triangle_2$	14	25.2±0.25 [.99±.01]	30.6 [1.21]	34.6 [1.36]	1-1586040-4
$\triangle_2$	12	21.0±0.25 [.83±.01]	26.4 [1.04]	30.4 [1.20]	1-1586040-2
$\triangle_2$	10	16.8±0.13 [.66±.005]	22.2 [.87]	26.2 [1.03]	1-1586040-0
$\triangle_2$	8	12.6±0.13 [.50±.005]	18.0 [.71]	22.0 [.87]	1586040-8
$\triangle_2$	6	8.4±0.13 [.33±.005]	13.8 [.54]	17.8 [.70]	1586040-6
$\triangle_2$	4	4.2±0.13 [.17±.005]	9.6 [.38]	13.6 [.54]	1586040-4
$\triangle_2$	2		5.4 [.21]	9.4 [.37]	1586040-2
FINISH	POS	A	B±0.25[.01]	C±0.38[.015]	PART NUMBER

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DWN S. HOOVER 25-SEP-2002	 TE Connectivity	PRODUCT SPEC 108-2112	
CHK D. COLEY 25-SEP-2002		APPLICATION SPEC 114-13172	
APVD D. COLEY 25-SEP-2002	NAME	SIZE A2	RESTRICTED TO -
VERTICAL HEADER WITH PEGS, WITH DRAIN HOLES VAL-U-LOK(TM)		CAGE CODE 00779	DRAWING NO 1586040
MATERIAL 1		WEIGHT -	SCALE N/A
SEE TABLE		SHEET 2 of 2	REV B8
CUSTOMER DRAWING		SCALE N/A SHEET 2 of 2 REV B8	

# Mouser Electronics

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