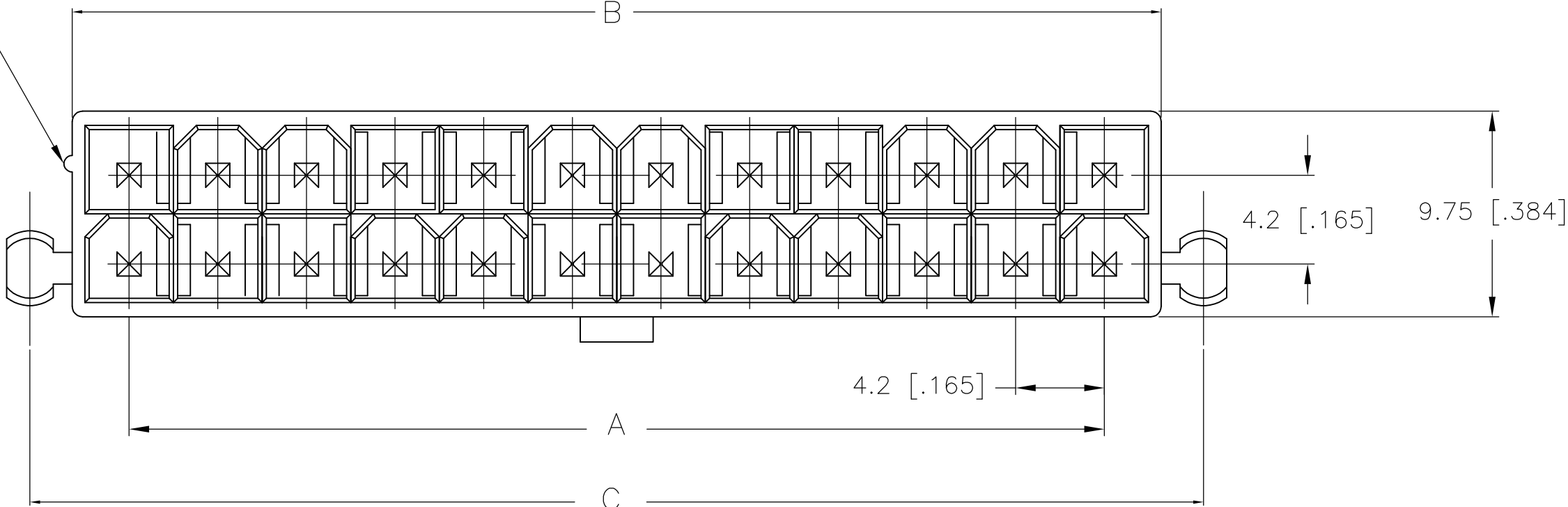
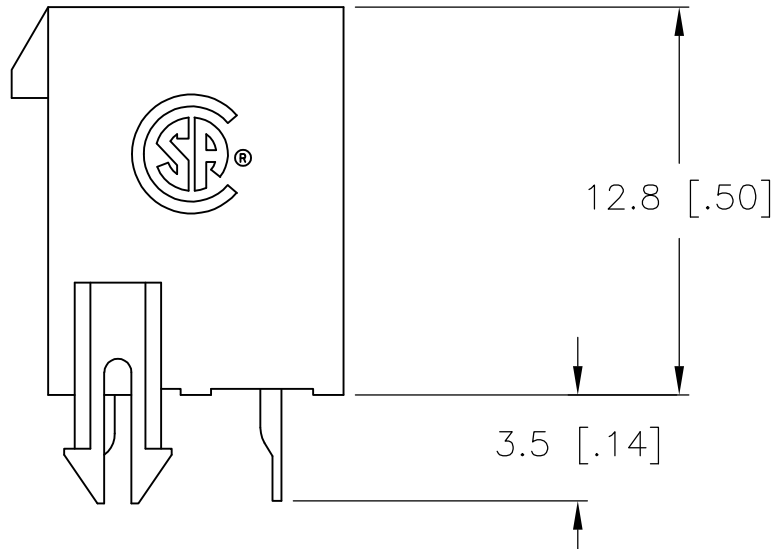
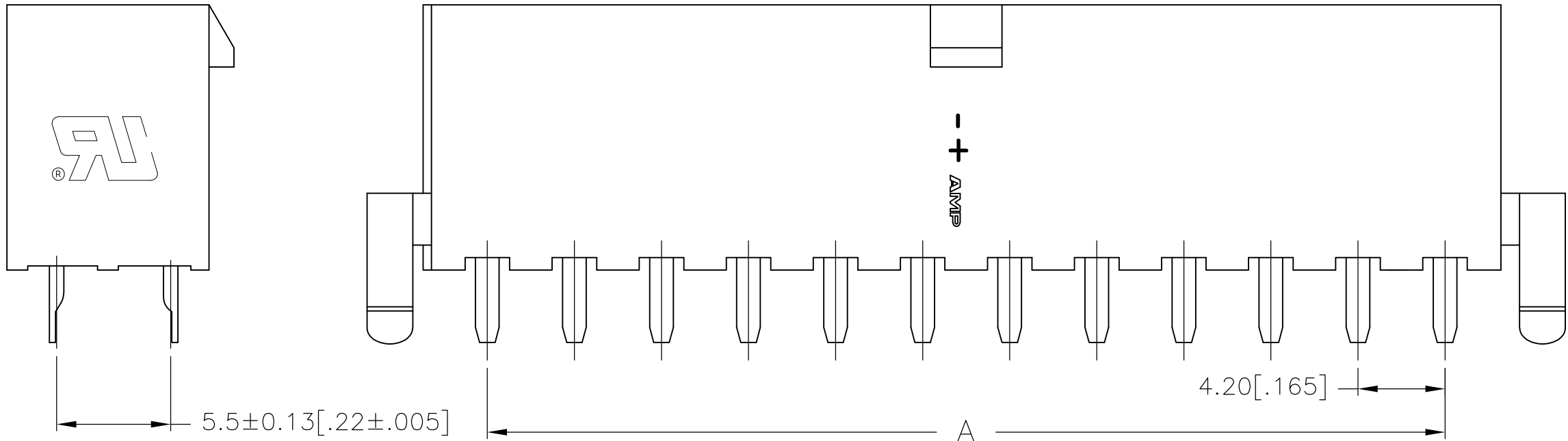


P	LTR	DESCRIPTION	DATE	DWN	APVD
	B4	REVISED PER ECR-12-020549	30NOV2012	KH	TM
	B5	REVISED PER ECR-14-012040	11AUG2014	AZ	DZ
	B6	REVISED PER ECR-14-019217	29DEC2014	AV	DZ

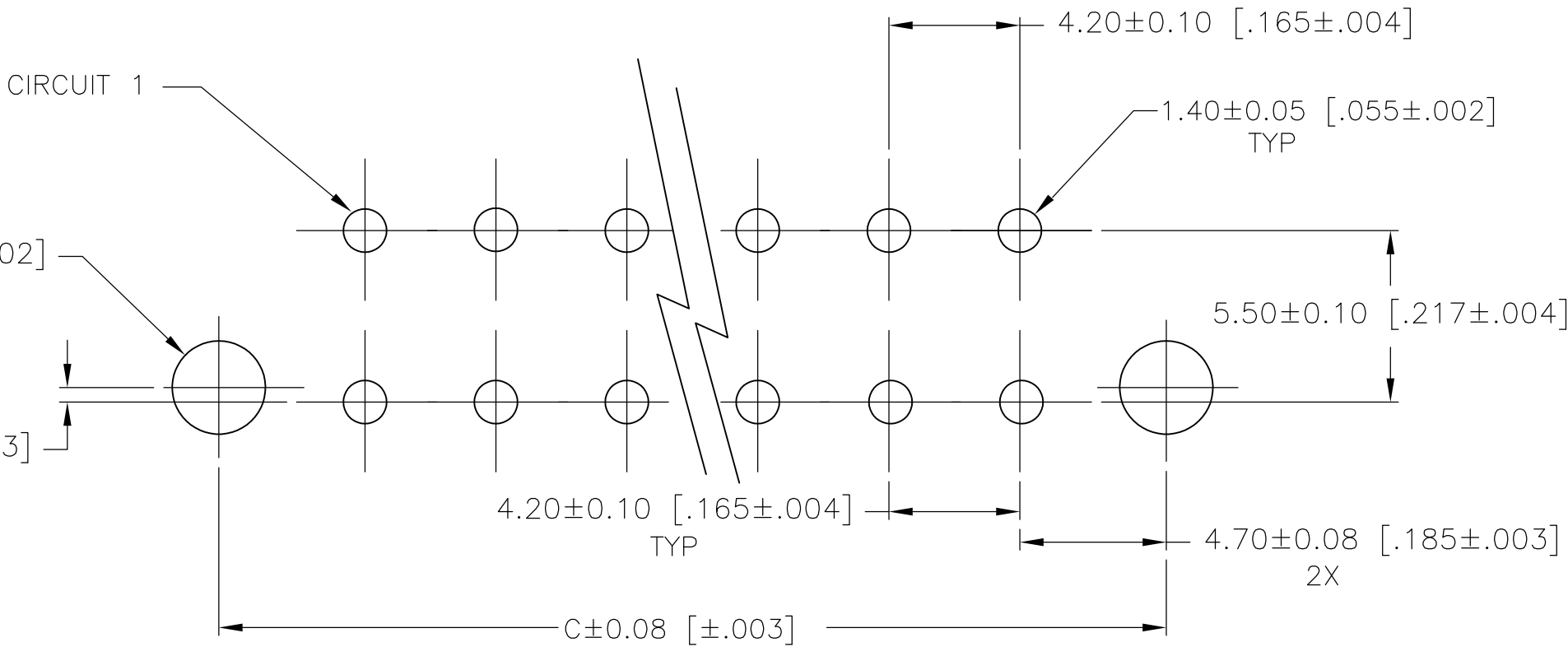
POSITION 1
IDENTIFICATION
FEATURE



- 1 MATERIAL: HOUSING-NYLON, UL94V-0
(COLOR-NATURAL, COLOR OF PARTS MAY VARY)
CONTACTS-0.25 [.010] THICK BRASS ALLOY.
- 2 CONTACT FINISH: 0.002032 [.000080] MIN MATTE TIN
OVER 0.000381 [.000015] MIN NICKEL OVER ENTIRE
CONTACT.
- 3 MATES WITH VAL-U-LOK(TM) RECEPTACLE HOUSINGS.
- 4 CONTACT FINISH: 0.00076 [.000030] MIN GOLD PLATE
ON PIN MATING SURFACE, 0.003 [.00012] MIN TIN
PLATE ON OTHER SURFACE, ALL OVER 0.00127 [.00005]
MIN NICKEL BASE PLATE.
- 5 PRELIMINARY-NOT FOR PRODUCTION.



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



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED BOARD THICKNESS 1.78 [.070]

2-1586040-4 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN S. HOOVER 25-SEP-2002		TE Connectivity	
CHK D. COLEY 25-SEP-2002			APVD D. COLEY 25-SEP-2002			
DIMENSIONS: mm [INCHES]			TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC ± 1 PLC ± 0.5 [.02] 2 PLC ± 0.25 [.010] 3 PLC ± - 4 PLC ± - ANGLES ±			FINISH SEE TABLE		APPLICATION SPEC	
MATERIAL 1			WEIGHT		SIZE A2	
CUSTOMER DRAWING			SCALE N/A		SHEET 1 of 1	
REV B6			RESTRICTED TO -		DRAWING NO C=1586040	

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