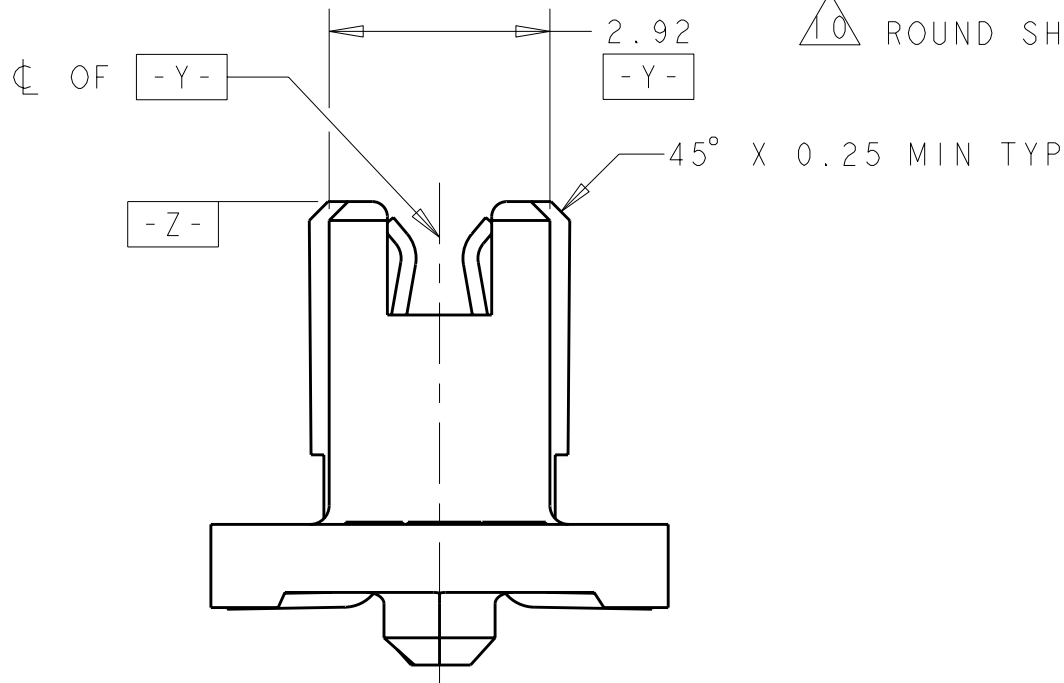
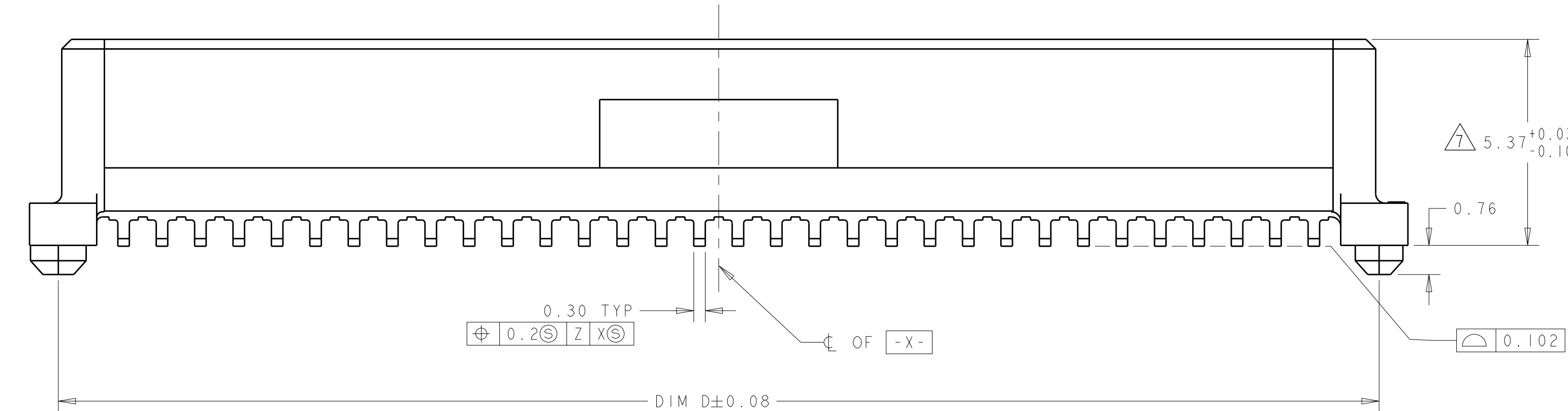
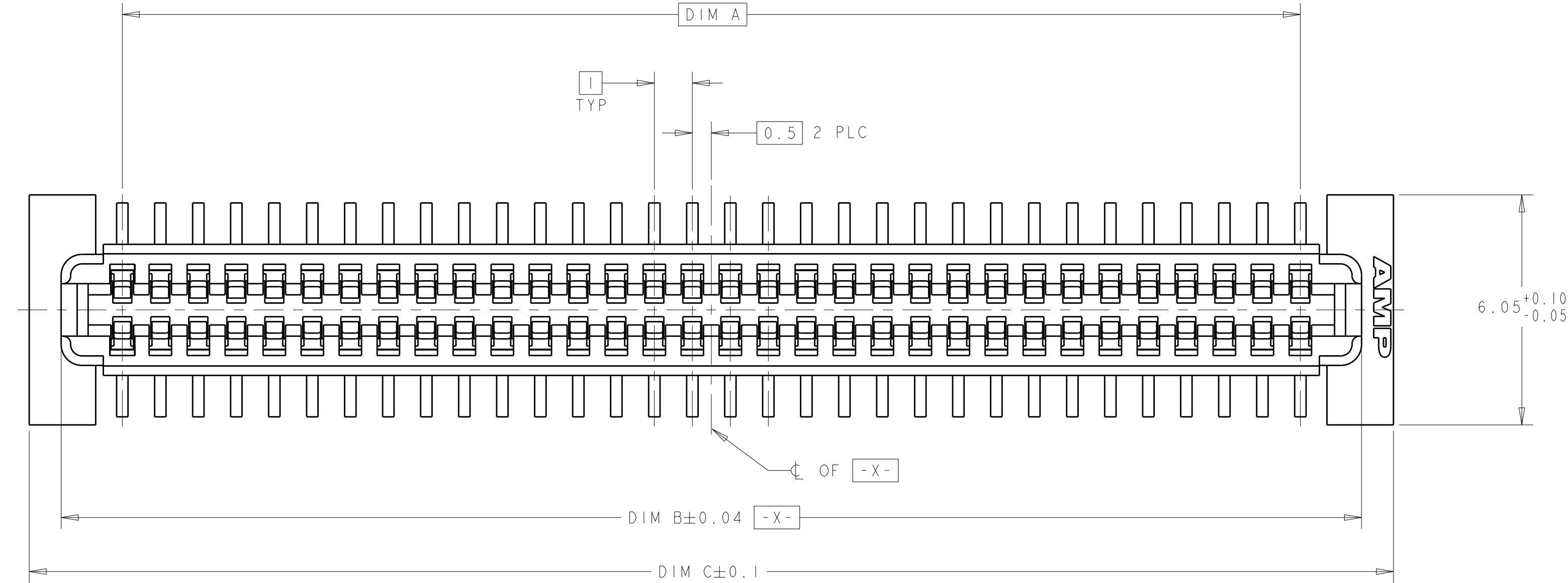
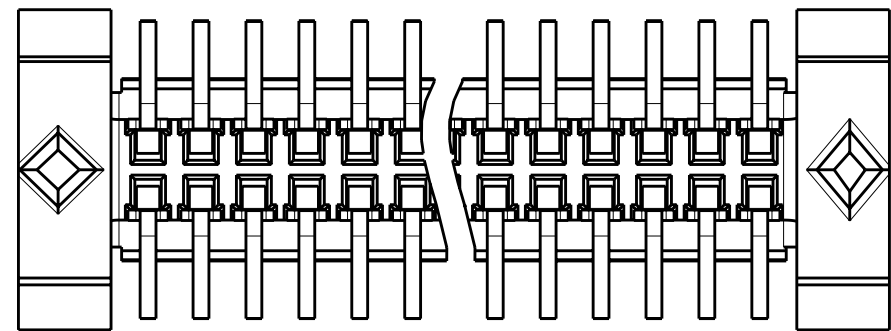


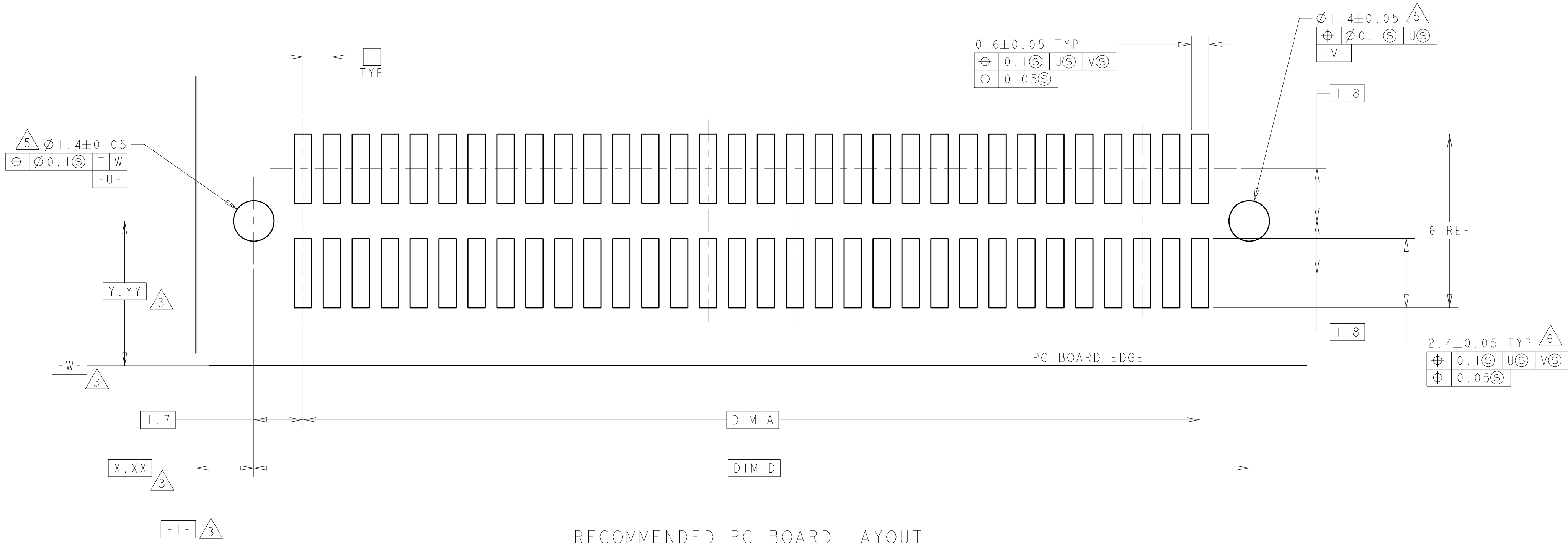
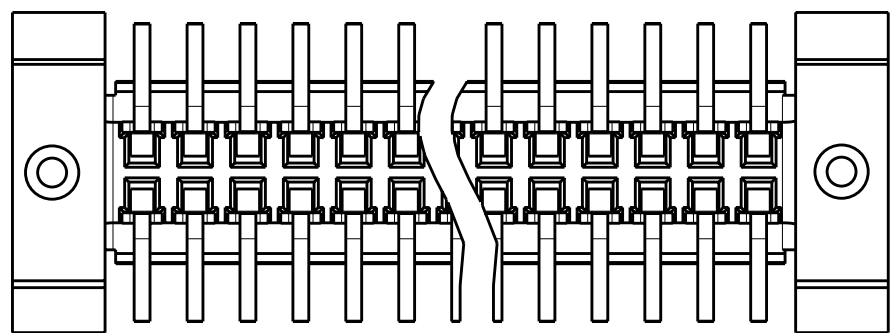
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			O	REV PER EC 0512-0235-04	29SEP2004	BC	RW
			A	REVISED PER ECO-08-008615	10JUL2008	DH	DB
			A1	REV PER ECO-09-018460	11SEP2009	AEG	HM



STYLE A POSTS



STYLE B POSTS



RECOMMENDED PC BOARD LAYOUT

- HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC, COLOR; BLACK. CONTACT MATERIAL: PHOSPHOR BRONZE.
- CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES PLATED TO MEET PLI PERFORMANCE REQUIREMENTS OF INDUSTRY SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN.
- DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE CONNECTORS ON A PC BOARD.
- PACKAGED IN TAPE ON REEL PER EIA-481.
- 1.5 MIN DIAMETER HOLE SHOULD BE USED IF USING POST STYLE "A" AND PLACING ON PCB WITH VACUUM PLACEMENT EQUIPMENT.
- SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.4 LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER OF CONNECTOR.
- REFERRED TO AS DIM H = 5.30 ± 0.1 IN EIA700AAAB SPECIFICATION.
- CONTACT FINISH: 0.00381 MINIMUM MATTE TIN PER ASTM B 545 ON SOLDER AREA, 0.00127 MINIMUM GOLD PER ASTM B 488 ON MATING AREA, BOTH OVER 0.00127 MINIMUM NICKEL PER SAE-AMS-QQ-N-290 ON ENTIRE CONTACT.
- SQUARE AND DIAMOND SHAPED POSTS
- ROUND SHAPED POSTS

POST STYLE	FINISH	DIM D	DIM C	DIM B	DIM A	STACK HGTS	POS	PART NO
10	8	44.4	45.9	44.22	41	8,9,10	84	3-5120521-2
10	8	34.4	35.9	34.22	31	8,9,10	64	3-5120521-1
10	2	44.4	45.9	44.22	41	8,9,10	84	2-5120521-2
10	2	34.4	35.9	34.22	31	8,9,10	64	2-5120521-1
9	8	44.4	45.9	44.22	41	8,9,10	84	1-5120521-2
9	8	34.4	35.9	34.22	31	8,9,10	64	1-5120521-1
9	2	44.4	45.9	44.22	41	8,9,10	84	5120521-2
9	2	34.4	35.9	34.22	31	8,9,10	64	5120521-1

TYCO ELECTRONICS CORPORATION 1111 BROADVIEW AVENUE HARRISBURG, PA 17105-3608		DWN B. CARBO 29SEP04		R. WERTZ 29SEP04		R. WERTZ 29SEP04		NAME	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC		RECEPTACLE ASSY, 1.0mm FH(IEEE1386) CONNECTOR	
		9 PLC ± 2 PLC ±0.03 5 PLC ±0.003 4 PLC ± ANGLE 5° ± 0.1°		502-1079		114-25045		SIZE CAGE CODE DRAWING NO	
MATERIAL		FINISH		WEIGHT		CUSTOMER DRAWING		RESTRICTED TO	
		SEE TABLE		-		A 00779 C=5120521		-	
				SCALE		10:1		SHEET 1 OF 1 REV A	