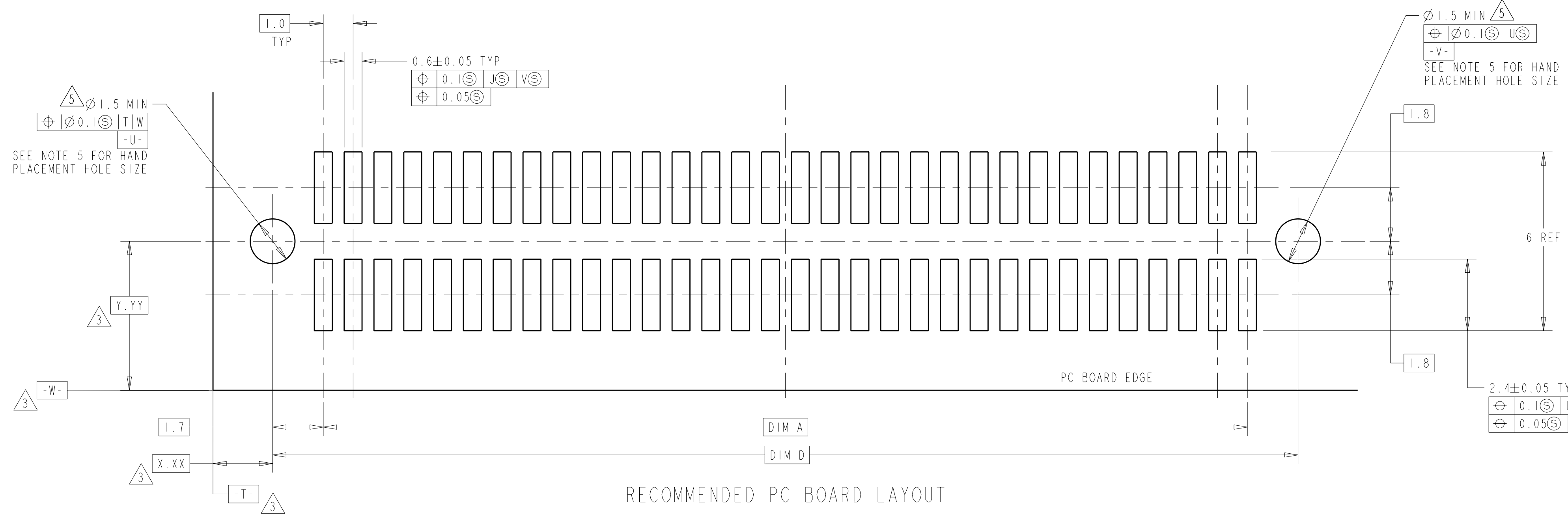
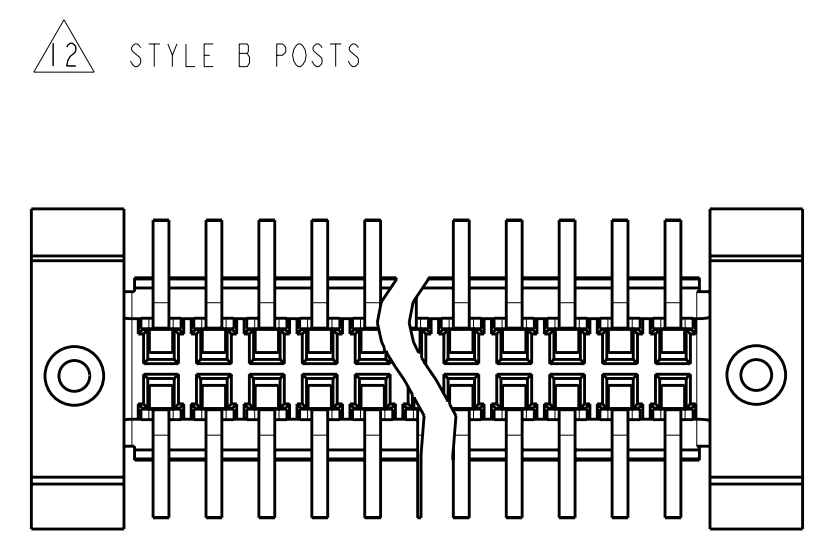
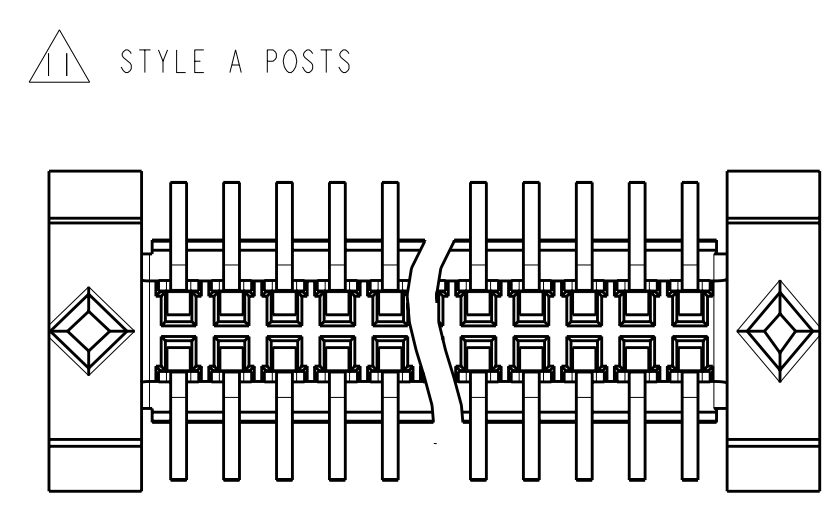
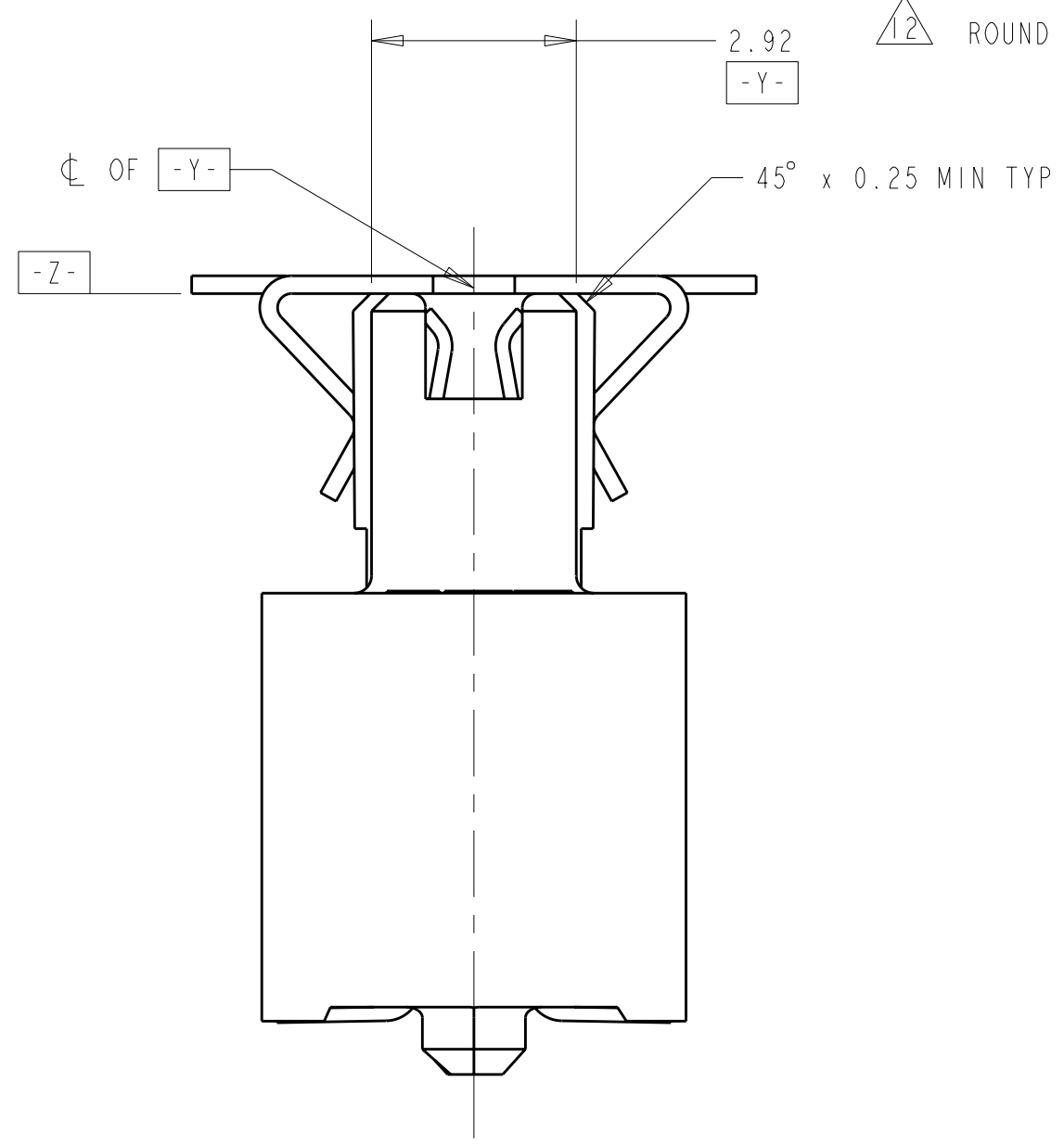
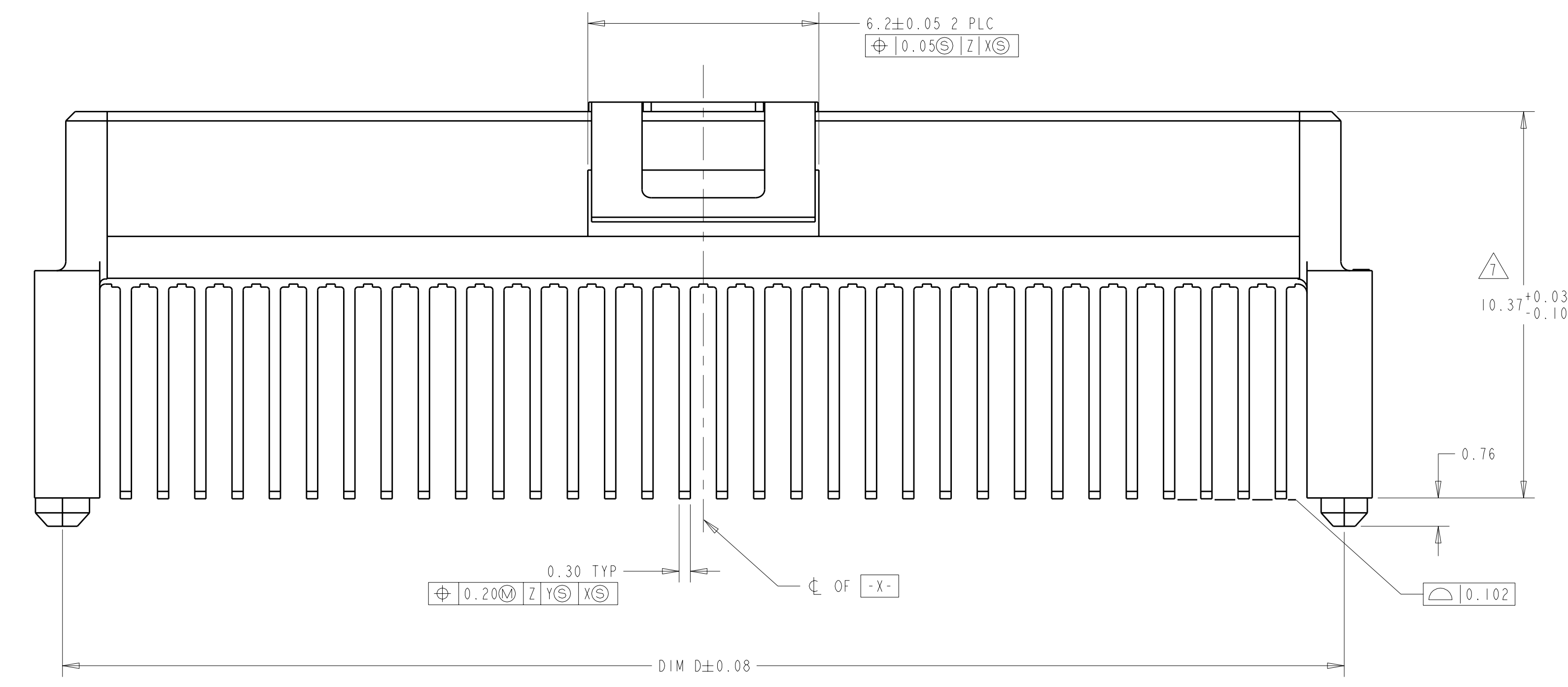
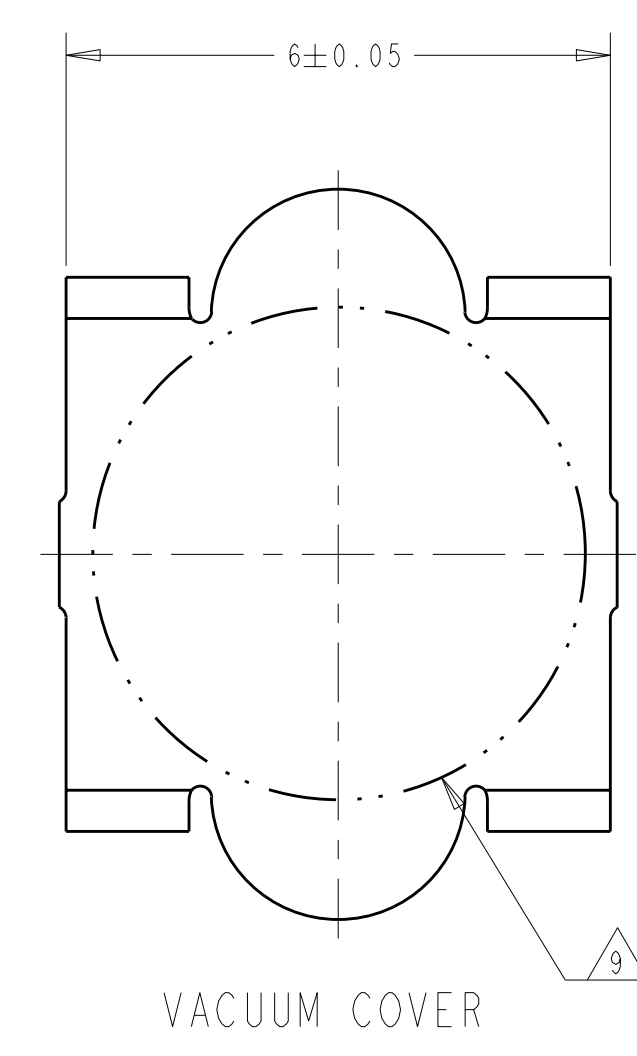
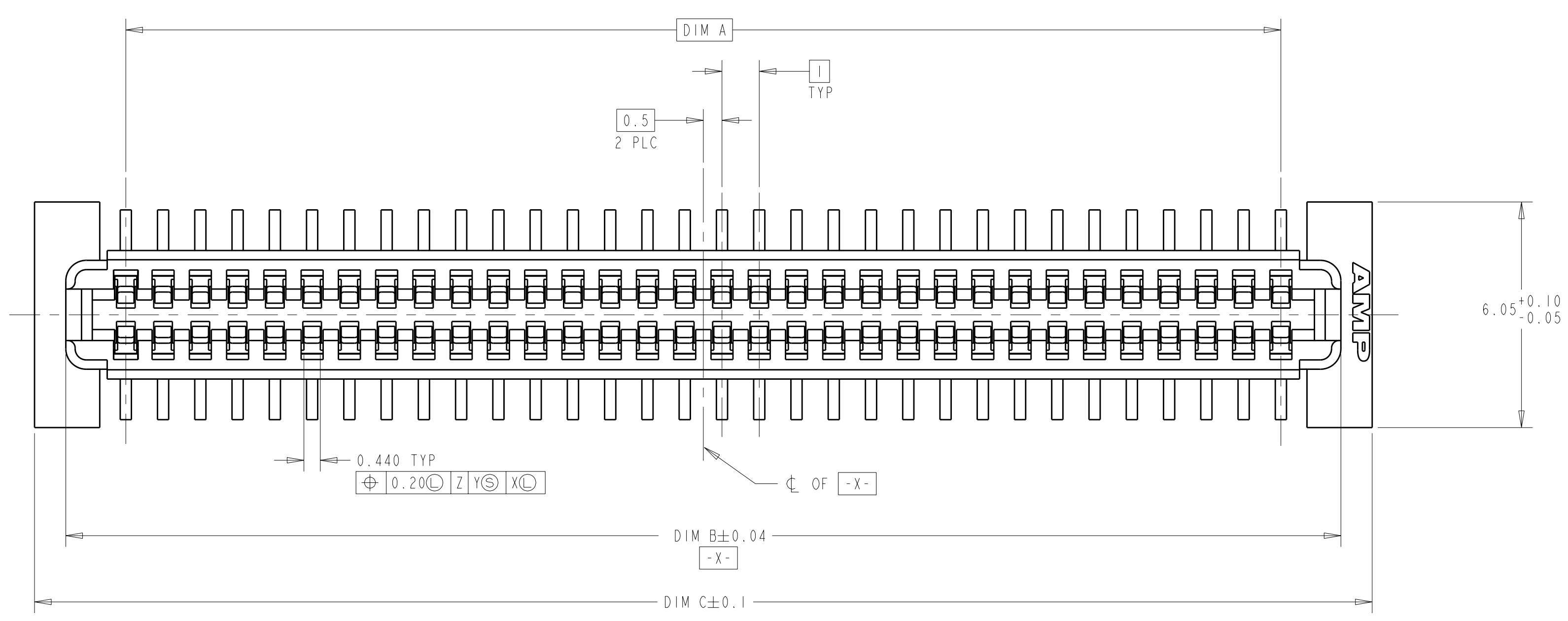


LOC	DIST	REV	DATE	BY	APP'D
AD	00	0	01OCT2004	BC	RW
		A	22JAN2007	BC	DB
		B	10JUL2008	DH	DB
		B1	25AUG2009	AEG	DD

- 1 HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC, COLOR: BLACK. CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2 CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES PLATED TO MEET PL1 PERFORMANCE REQUIREMENTS OF INDUSTRY SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN.
- 3 DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE CONNECTORS ON A PC BOARD.
- 4 PACKAGED IN TAPE ON REEL PER EIA-481.
- 5 1.4±0.05 DIAMETER HOLE WHEN PLACING BY HAND.
- 6 SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.4 LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER OF CONNECTOR.
- 7 REFERRED TO AS DIM H = 5.30±0.1 IN EIA 700AAAB SPECIFICATION.
- 8 VACUUM COVER NOT SHOWN IN SOME VIEWS FOR CLARITY.
- 9 5.5 MIN DIAMETER TARGET AREA FOR VACUUM PICK-UP.
- 10 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.
- 11 SQUARE AND DIAMOND SHAPED POSTS
- 12 ROUND SHAPED POSTS



POST STYLE	FINISH	DIM D	DIM C	DIM B	DIM A	STACK HEIGHTS	POS	PART NUMBER
12	10	44.4	44.4	44.22	41	14, 15	84	3-5146896-2
12	10	34.4	35.9	34.22	31	14, 15	64	3-5146896-1
12	2	44.4	44.4	44.22	41	14, 15	84	2-5146896-2
12	2	34.4	35.9	34.22	31	14, 15	64	2-5146896-1
11	10	44.4	45.9	44.22	41	14, 15	84	1-5146896-2
11	10	34.4	35.9	34.22	31	14, 15	64	1-5146896-1
11	2	44.4	45.9	44.22	41	14, 15	84	5146896-2
11	2	34.4	35.9	34.22	31	14, 15	64	5146896-1

DIMENSIONS: mm 9 PLC ± 5 PLC ±0.03 4 PLC ±0.003 4 PLC ± ANGLES ±0°30'		TOLERANCES UNLESS OTHERWISE SPECIFIED: DIM A ±0.05 DIM B ±0.05 DIM C ±0.05 DIM D ±0.05		DWN B. CARBO 01OCT04 CHK R. WERTZ 01OCT04 APP'D R. WERTZ 01OCT04 PRODUCT SPEC 502-1079 APPLICATION SPEC 114-25045 WEIGHT CUSTOMER DRAWING		Tyco Electronics Corporation Harrisburg, PA 17105-3608 NAME RECEPTACLE ASSY, W/ VACUUM COVER, 1.0mm FH(IEEE 1386) CONNECTOR SIZE CAGE CODE DRAWING NO. RESTRICTED TO A11 00779 C=5146896 SCALE 10:1 SHEET 1 OF 1 REV B1	
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[2-5146896-1](#)