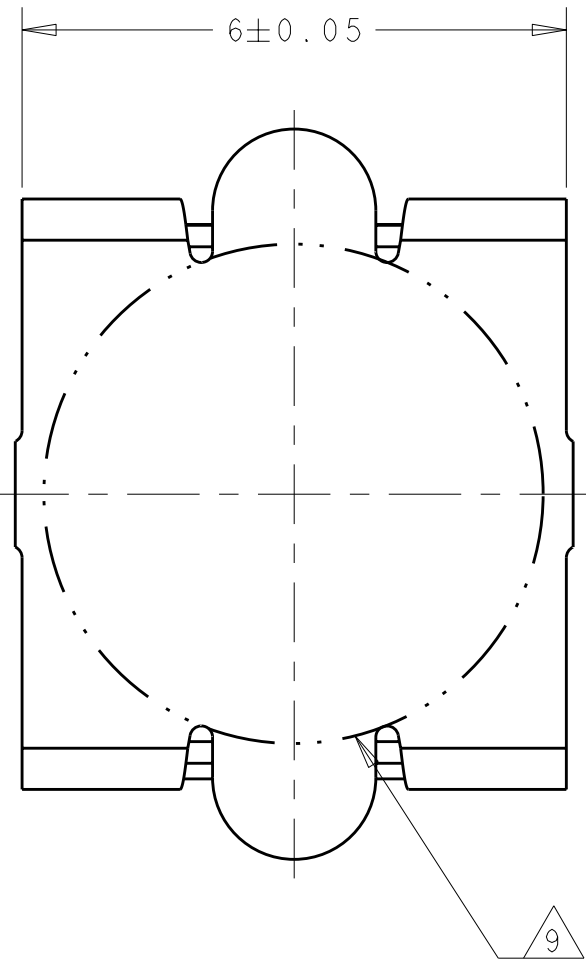


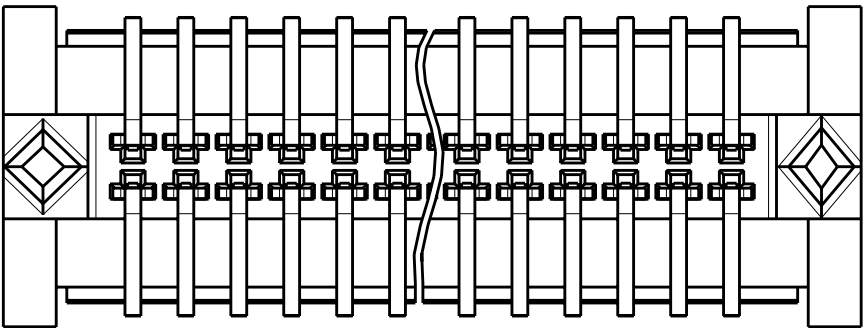
LOC	DIST	REVISIONS						
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		C		REVISED PER EC 0S12-0072-04	11FEB2004	RWS	RHW	
		D		REV PER ECO-06-026075	06FEB2007	BC	DB	
		E		REVISED PER ECO-08-008615	10JUL2008	DH	DB	
		E1		ECO-09-018464	26AUG2009	AEG	DD	

- 1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER COLOR: BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2 CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES
PLATED TO MEET PLI PERFORMANCE REQUIREMENTS OF INDUSTRY
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN-LEAD.
- 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 REELS 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 2.7
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER
OF CONNECTOR.
- 7 REFERRED TO AS DIM N 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-LEAD (93-7)
ON SOLDER AREA, 0.00127 MINIMUM GOLD ON MATING AREA,
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.
- 11 SQUARE AND DIAMOND SHAPED POSTS.
- 12 ROUND SHAPED POSTS.

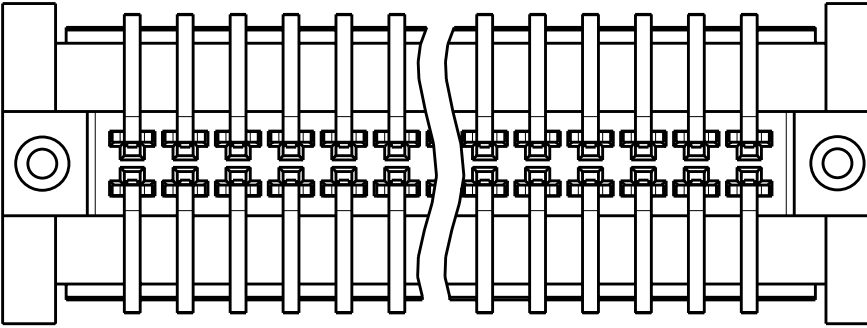


VACUUM COVER

STYLE A POST

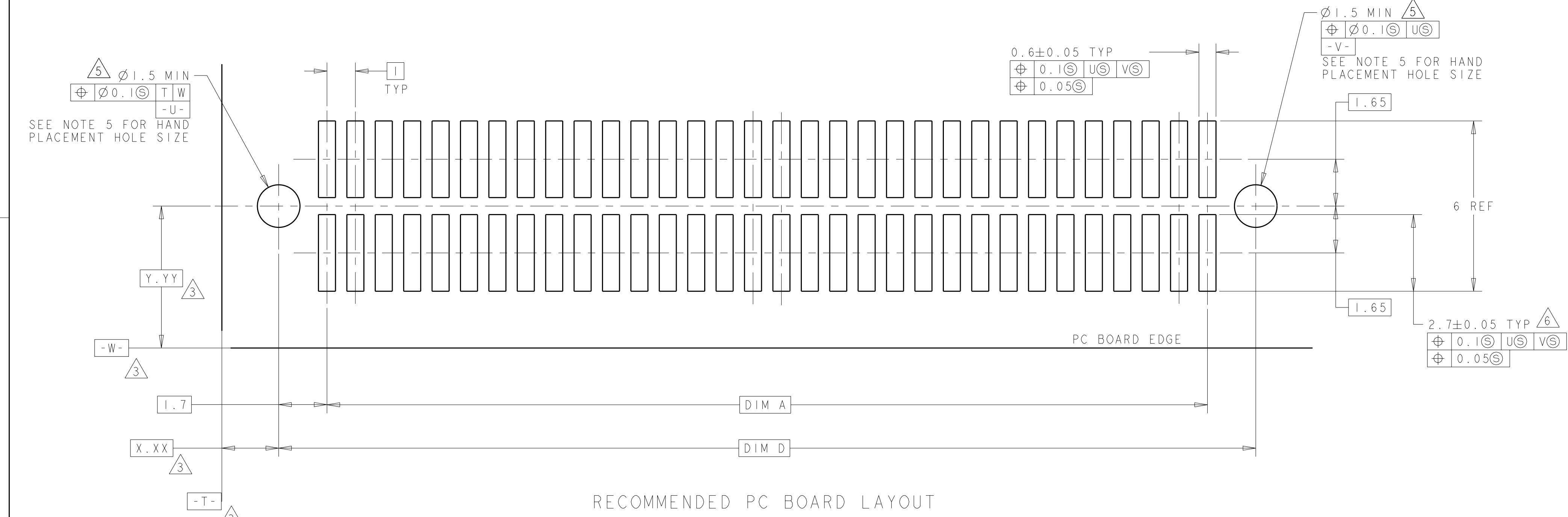
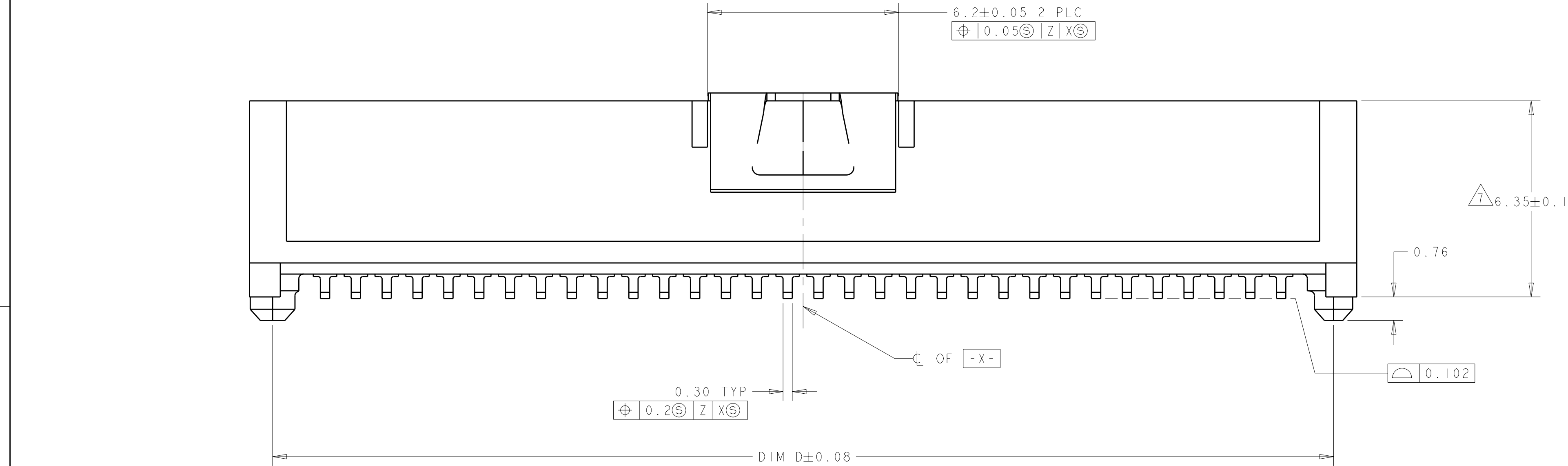
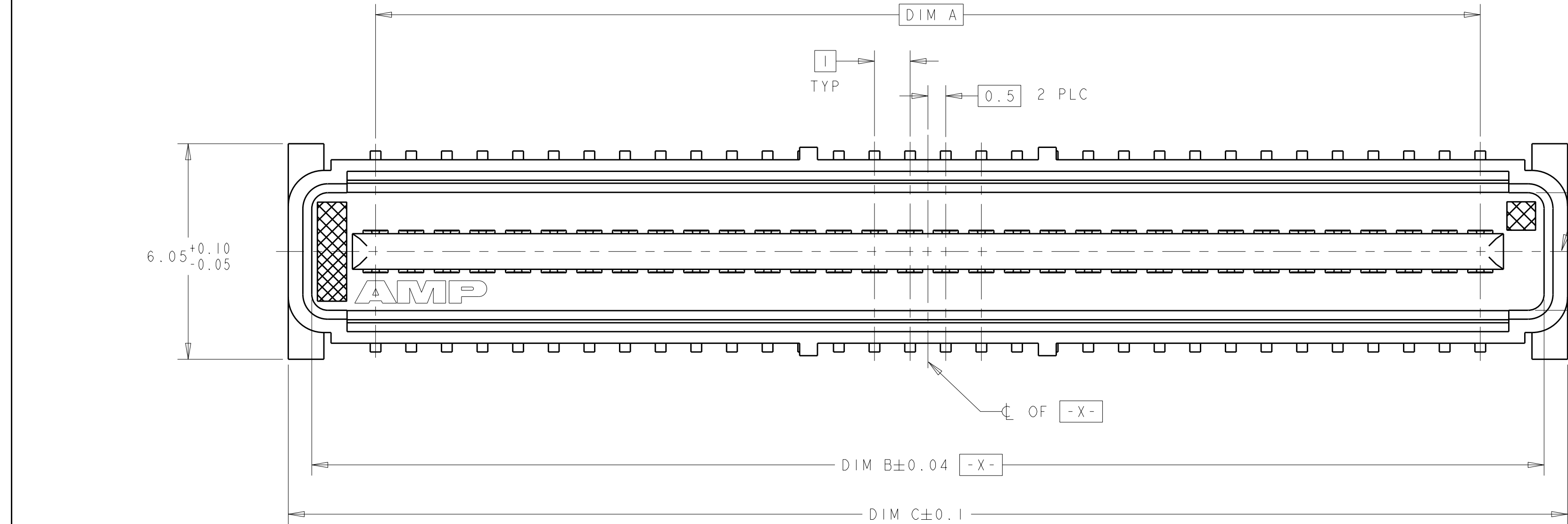


STYLE B POST



POST STYLE	FINISH	DIM D	DIM C	DIM B	DIM A	STACK HEIGHTS	POS	AMP PART NUMBER
2	10	44.4	45.9	44.58	41	8	84	3-146897-2
2	10	34.4	35.9	34.58	31	8	64	3-146897-1
2	2	44.4	45.9	44.58	41	8	84	2-146897-2
2	2	34.4	35.9	34.58	31	8	64	2-146897-1
1	10	44.4	45.9	44.58	41	8	84	1-146897-2
1	10	34.4	35.9	34.58	31	8	64	1-146897-1
1	2	44.4	45.9	44.58	41	8	84	146897-2
1	2	34.4	35.9	34.58	31	8	64	146897-1

TYPICAL DIMENSIONS TO BE USED FOR THIS DRAWING. DIMENSIONS SHOWN IN PARENTHESES ARE FOR INFORMATION ONLY. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY.		DWN CHAD BAKER	28SEP98	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		9 PLC ±		PRODUCT SPEC	
		2 PLC ±0.03		502-1079	
		3 PLC ±0.003		APPLICATION SPEC	
		4 PLC ±		114-25045	
		ANGLES ±0°30'		WEIGHT	
MATERIAL		FINISH		CUSTOMER DRAWING	
		SEE TABLE		SCALE 17:1	
				SHEET 1 OF 1	
				REV E1	



RECOMMENDED PC BOARD LAYOUT