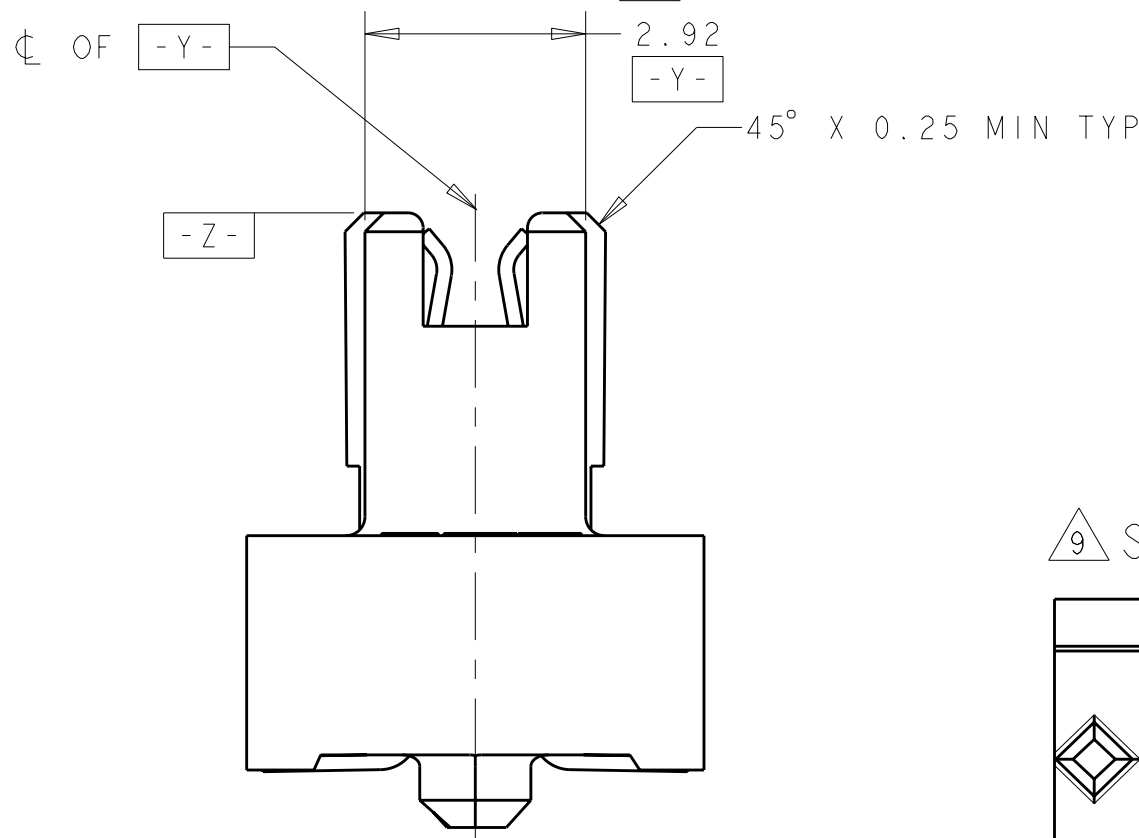
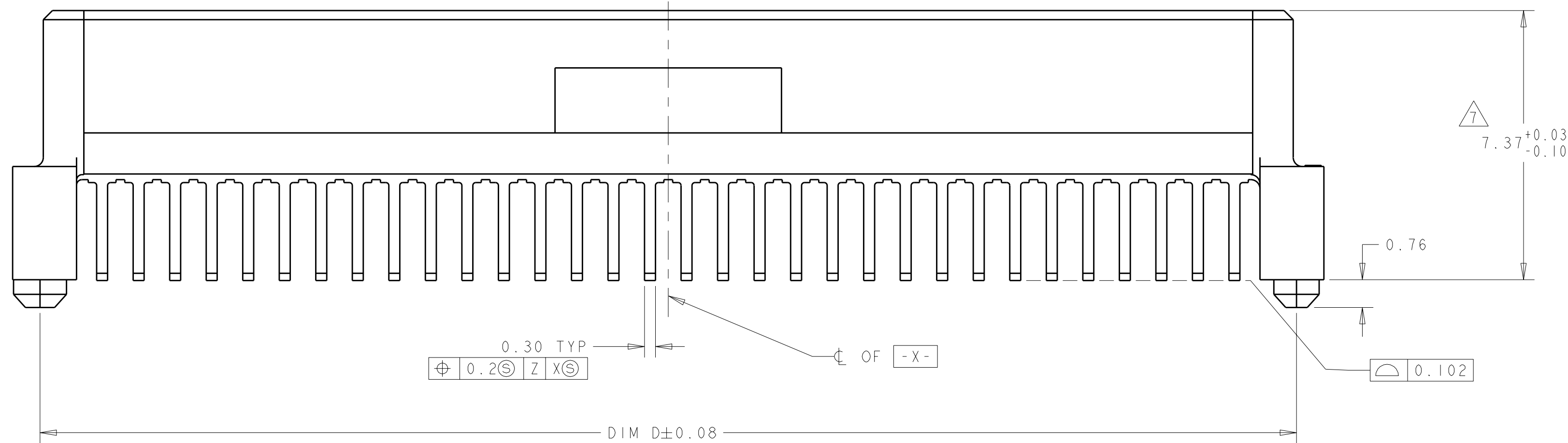
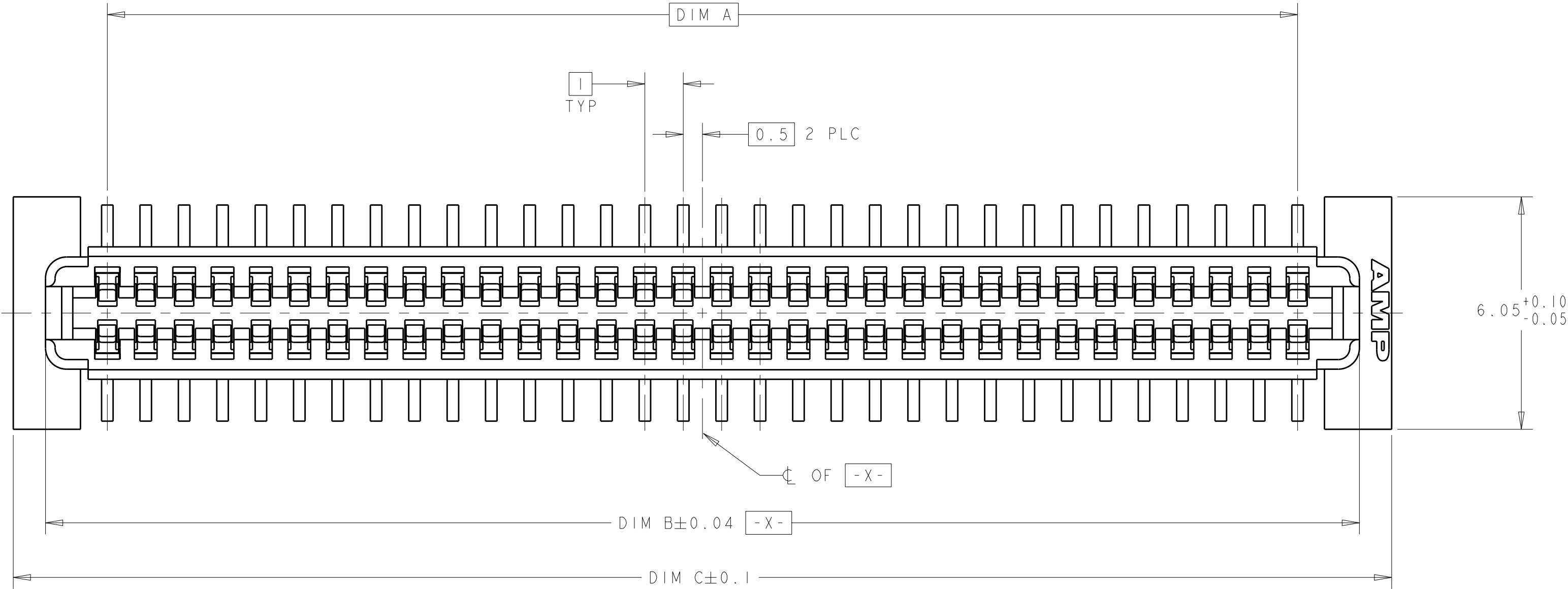
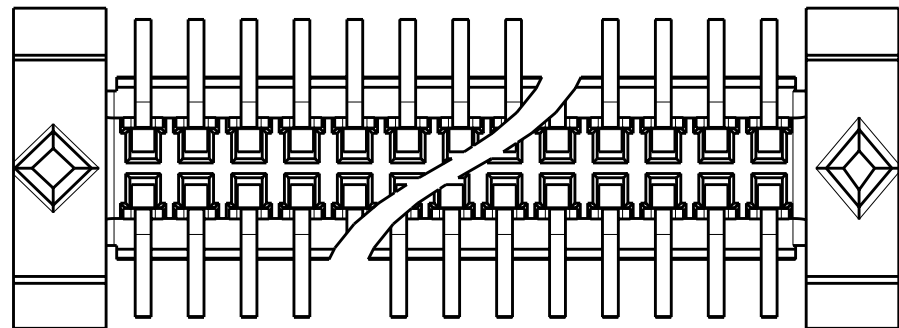


LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
		0	REV PER EC 0512-235-04	30SEP2004	BC	RW	
		A	REVISED PER ECO-08-008615	10JUL2008	DH	DB	
		A1	REV PER ECO-09-018460	14SEP2009	AEG	HM	

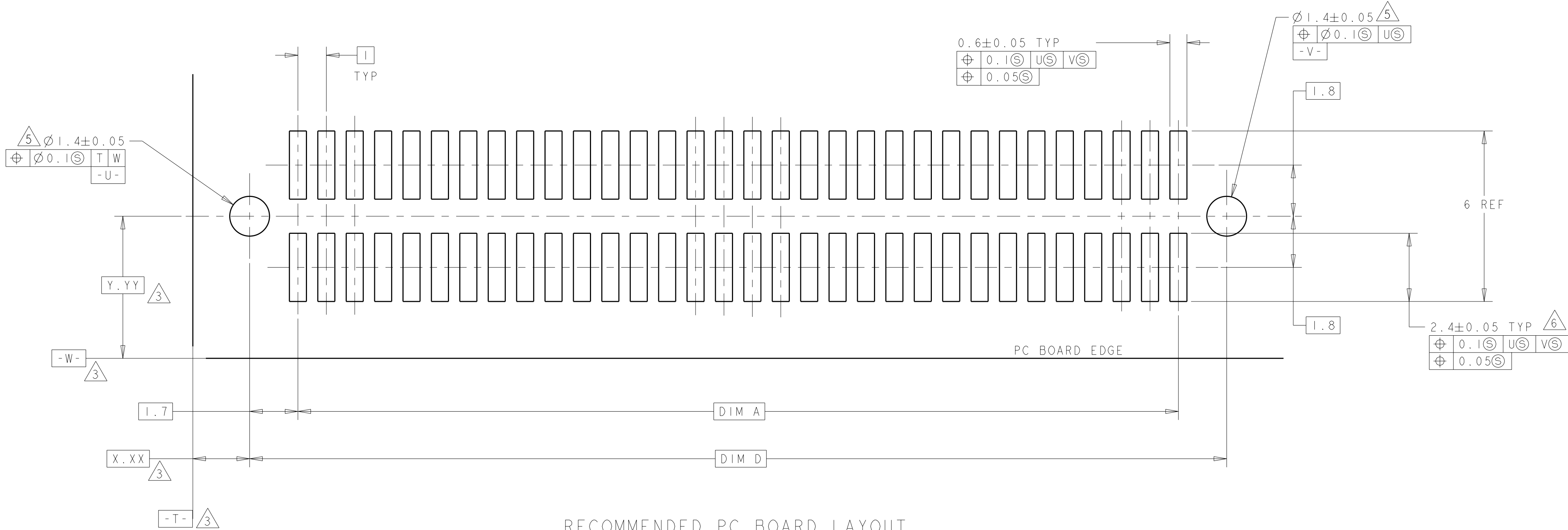
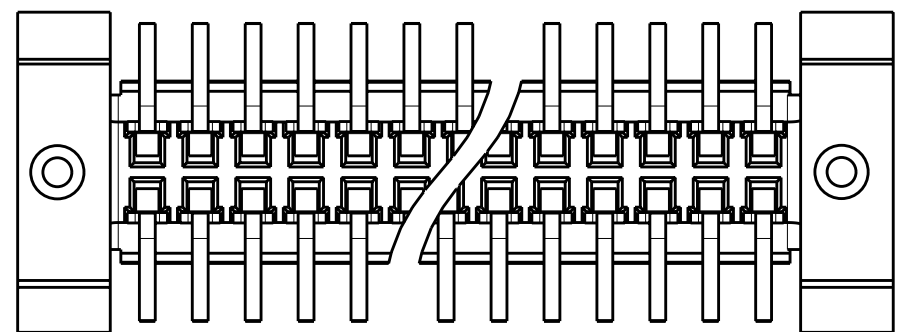
1. HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC. COLOR; BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.
2. CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES
PLATED TO MEET PL1 PERFORMANCE REQUIREMENTS OF INDUSTRY
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN.
3. DATUM LOCATIONS AND BASIC 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. 1.5 MIN DIAMETER HOLE SHOULD BE USED IF USING POST STYLE "A" AND PLACING
ON PCB WITH VACUUM PLACEMENT EQUIPMENT.
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 = 7.3±0.1 IN EIA 700AAAB SPECIFICATION.
8. CONTACT FINISH: 0.00381 MINIMUM MATTE TIN PER ASTM B 545
ON SOLDER AREA, 0.0127 MINIMUM GOLD PER ASTM B 488 ON MATING AREA,
BOTH OVER 0.00127 MINIMUM NICKEL PER SAE-AMS-QQ-N-290 ON ENTIRE CONTACT.
9. SQUARE AND DIAMOND SHAPED POSTS
10. ROUND SHAPED POSTS



9 STYLE A POSTS



10 STYLE B POSTS



RECOMMENDED PC BOARD LAYOUT

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	11, 12	84	3-5120603-2
10	8	34.4	35.9	34.22	31	11, 12	64	3-5120603-1
10	2	44.4	45.9	44.22	41	11, 12	84	2-5120603-2
10	2	34.4	35.9	34.22	31	11, 12	64	2-5120603-1
9	8	44.4	45.9	44.22	41	11, 12	84	1-5120603-2
9	8	34.4	35.9	34.22	31	11, 12	64	1-5120603-1
9	2	44.4	45.9	44.22	41	11, 12	84	5120603-2
9	2	34.4	35.9	34.22	31	11, 12	64	5120603-1

TYPICAL DIMENSIONS (IN MILLIMETERS) FOR THIS RECEPTACLE ASSEMBLY. DIMENSIONS SHOWN ARE BASED ON THE LATEST REVISION.		DWN B. CARBO 30SEP04	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK R. WERTZ 30SEP04	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 2 PLC ±0.03 3 PLC ±0.003 4 PLC ± ANGLES ±0°-1°		PRODUCT SPEC 502-1079	RECEPTACLE ASSY, 1.0mm FH(IEEE1386) CONNECTOR	
MATERIAL 1		APPLICATION SPEC 114-25045	SIZE A1 00779	RESTRICTED TO
FINISH SEE TABLE		WEIGHT -	CAGE CODE 5120603	REV A1
CUSTOMER DRAWING		SCALE 10:1	SHEET 1	OF 1