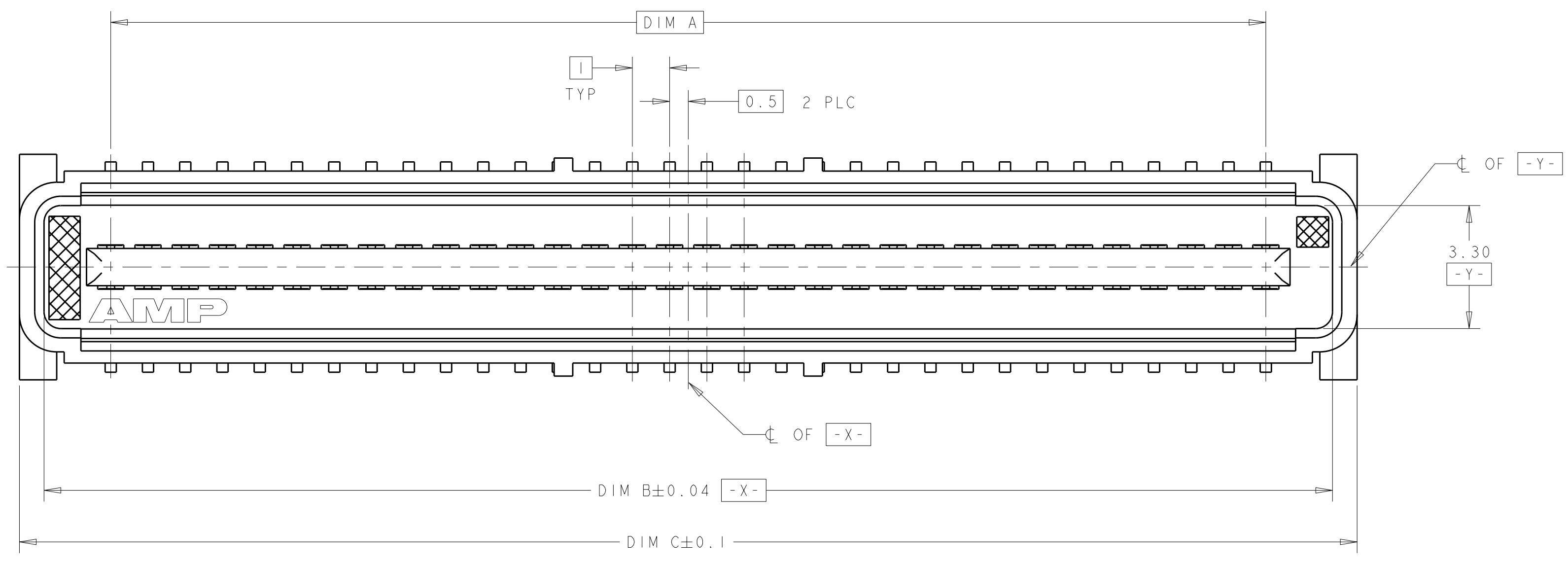
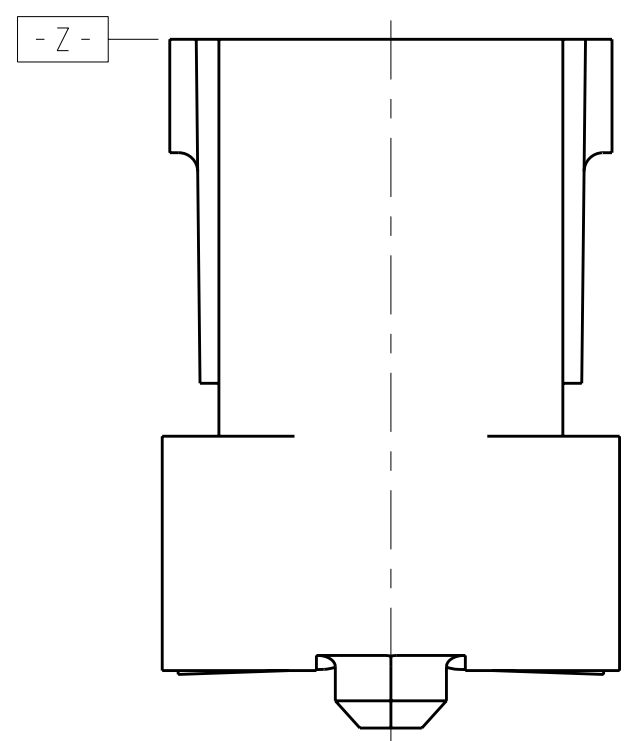
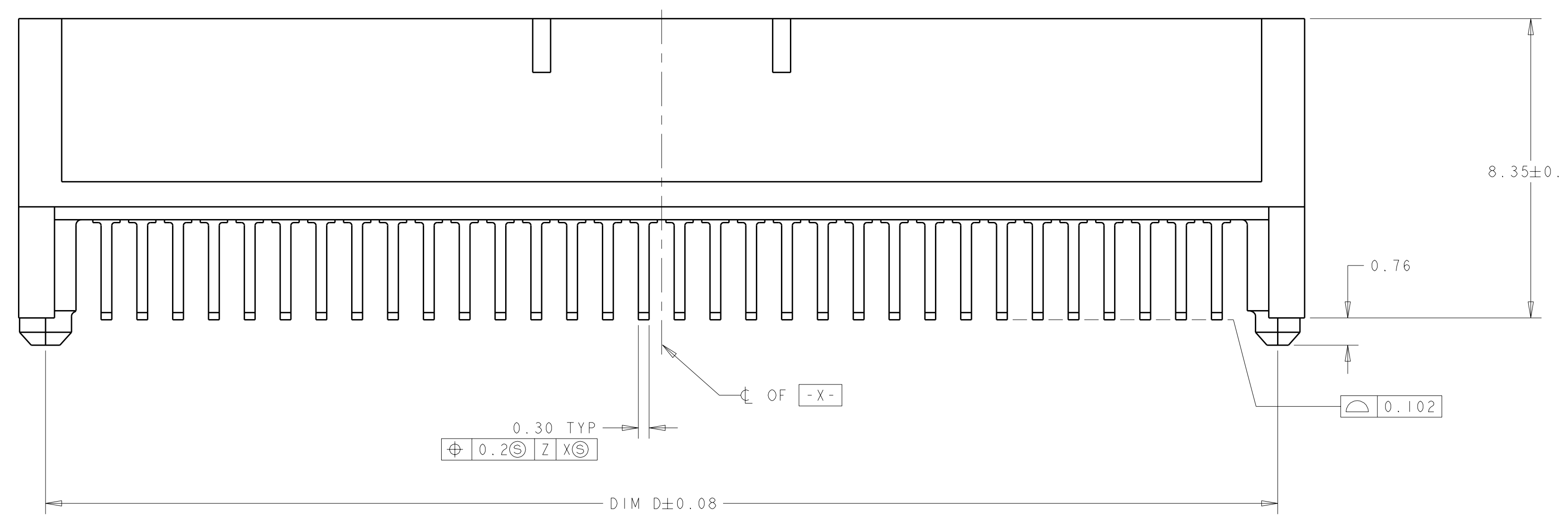


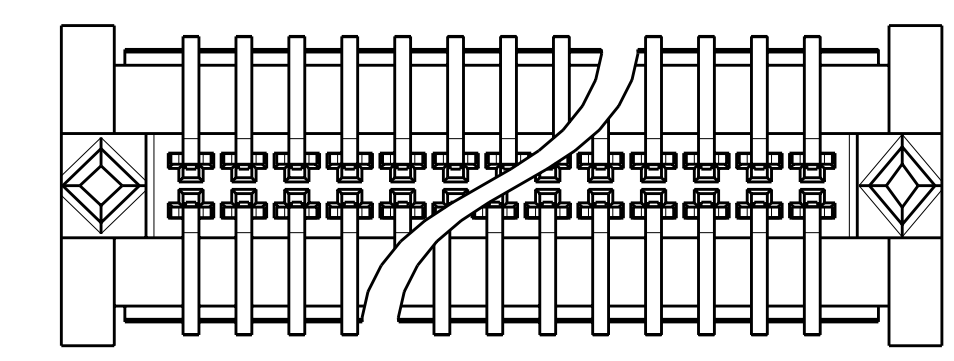
LOC		DIST		REVISIONS			
AD	00	P	LTH	DESCRIPTION	DATE	DWN	APVD
		A2		REVISED PER ECO-11-004835	11MAR2011	RK	HMR



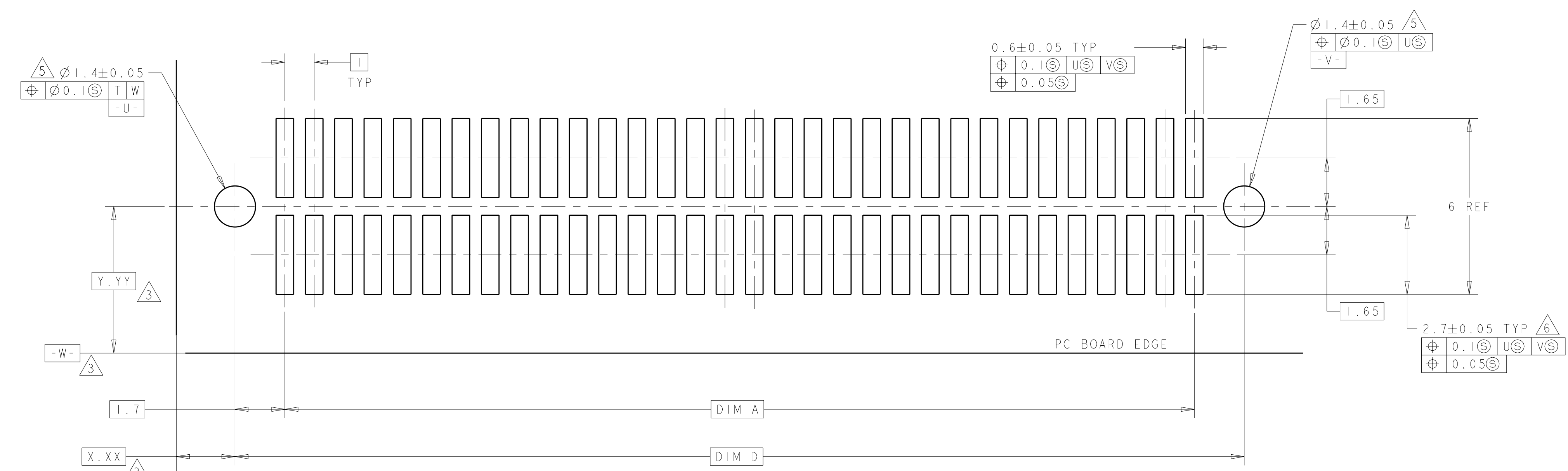
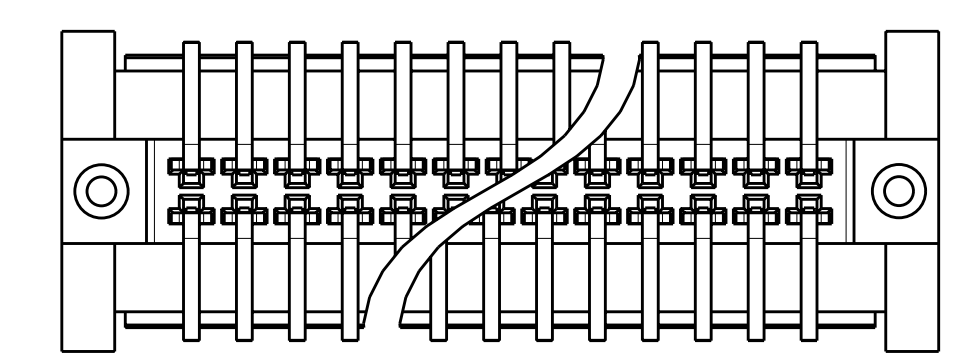
- ① HOUSING MATERIAL: LIQUID CRYSTAL POLYMER. COLOR; BLACK. CONTACT MATERIAL: PHOSPHOR BRONZE.
- ② CONTACT FINISH: NICKEL UNDERPLATE ALL OVER. MATING SURFACES PLATED TO MEET PLI PERFORMANCE REQUIREMENTS OF INDUSTRY SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN.
- ③ DATUM LOCATIONS AND BASIC DIMENSIONS 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-841.
- 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 2.7 LENGTH ASSURES OPTIMUM SOLDER FILLET.
- ⑦ 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.
- ⑧ SQUARE AND DIAMOND SHAPED POSTS
- ⑨ ROUND SHAPED POSTS



⑧ STYLE A POSTS



⑨ STYLE B POSTS



RECOMMENDED PC BOARD LAYOUT

POST STYLE	FINISH	DIM D	DIM C	DIM B	DIM A	STACK HGTS	POS	PART NO
⑨	⑦	44.4	45.9	44.58	41	10,12,13,15	84	3-5120527-2
⑨	⑦	34.4	35.9	34.58	31	10,12,13,15	64	3-5120527-1
⑨	②	44.4	45.9	44.58	41	10,12,13,15	84	2-5120527-2
⑨	②	34.4	35.9	34.58	31	10,12,13,15	64	2-5120527-1
⑧	⑦	44.4	45.9	44.58	41	10,12,13,15	84	1-5120527-2
⑧	⑦	34.4	35.9	34.58	31	10,12,13,15	64	1-5120527-1
⑧	②	44.4	45.9	44.58	41	10,12,13,15	84	5120527-2
⑧	②	34.4	35.9	34.58	31	10,12,13,15	64	5120527-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC	±
1 PLC	±0.03
2 PLC	±0.03
3 PLC	±0.003
4 PLC	±
ANGLES	+0°30'

MATERIAL: SEE TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: B. CARBO, CHK: R. WERTZ, APVD: R. WERTZ. 30SEP04

NAME: PLUG ASSY, 1.0mm FH(IEEE 1386) CONNECTOR

PRODUCT SPEC: 502-1079

APPLICATION SPEC: 114-25045

SIZE: A100779, CAGE CODE: 5120527, DRAWING NO: 5120527

RESTRICTED TO: CUSTOMER DRAWING

SCALE: 10:1, SHEET: 1 OF 1, REV: A2