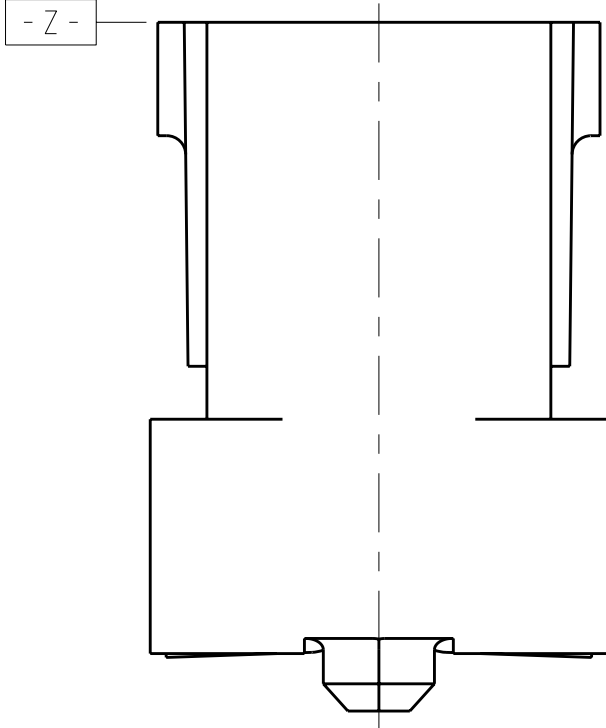
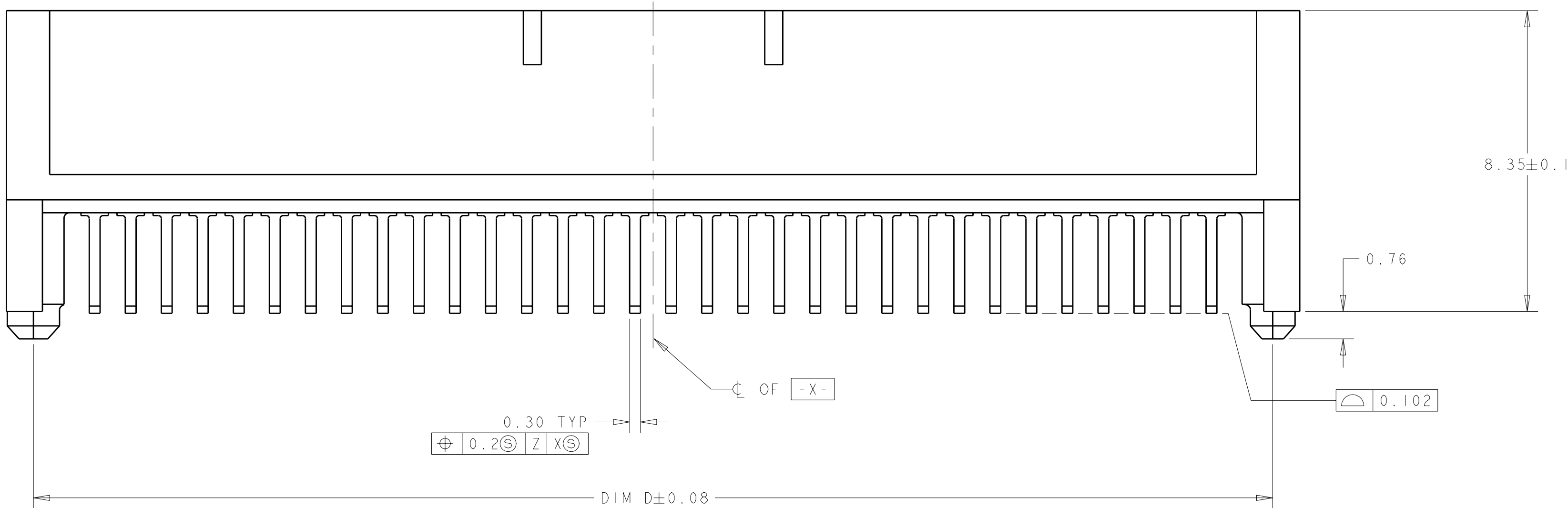
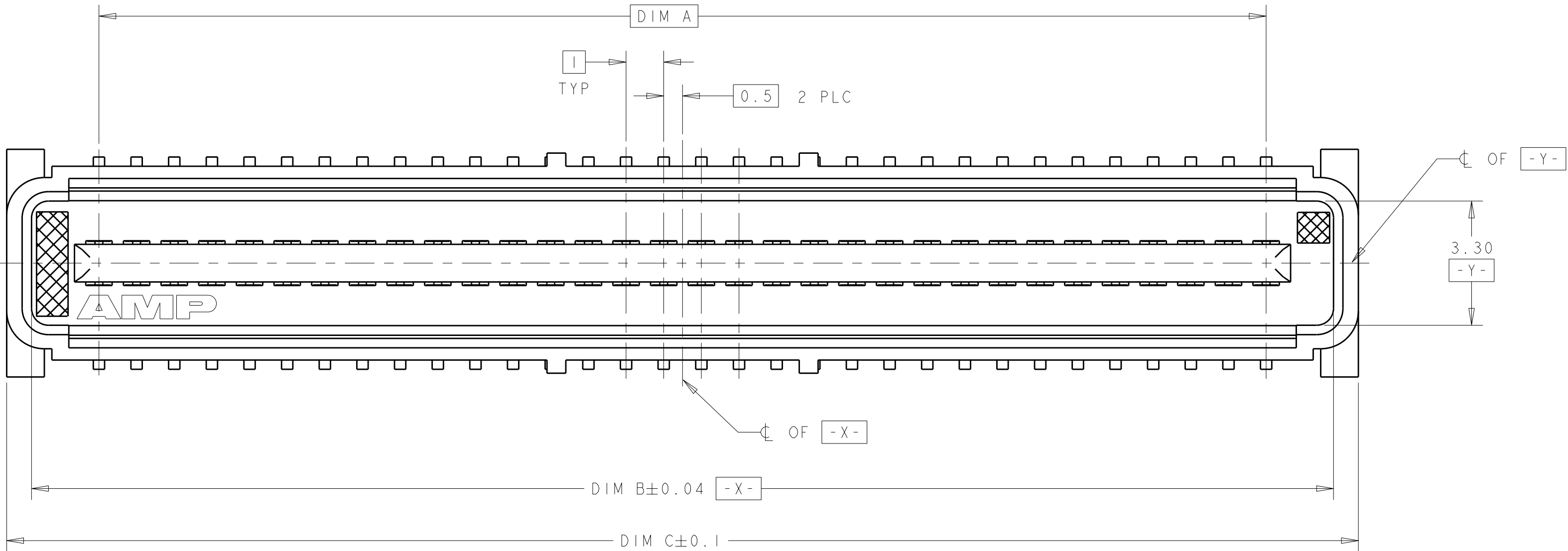
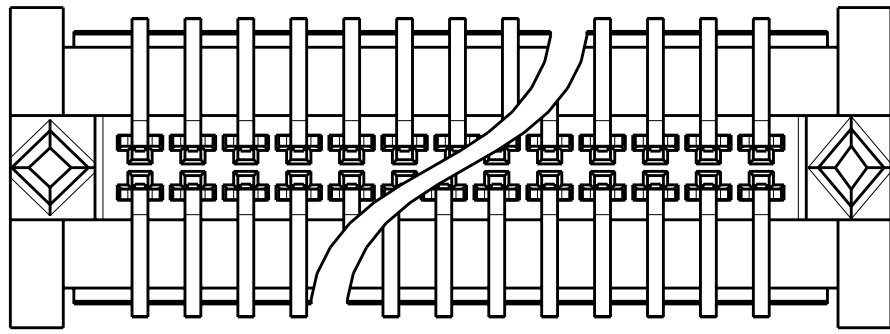


LOC		DIST		REVISIONS					
AD			00	P	LTR	DESCRIPTION	DATE	DWN	APVD
					A2	REVISED PER ECO-11-004835	11MAR2011	RK	HMR

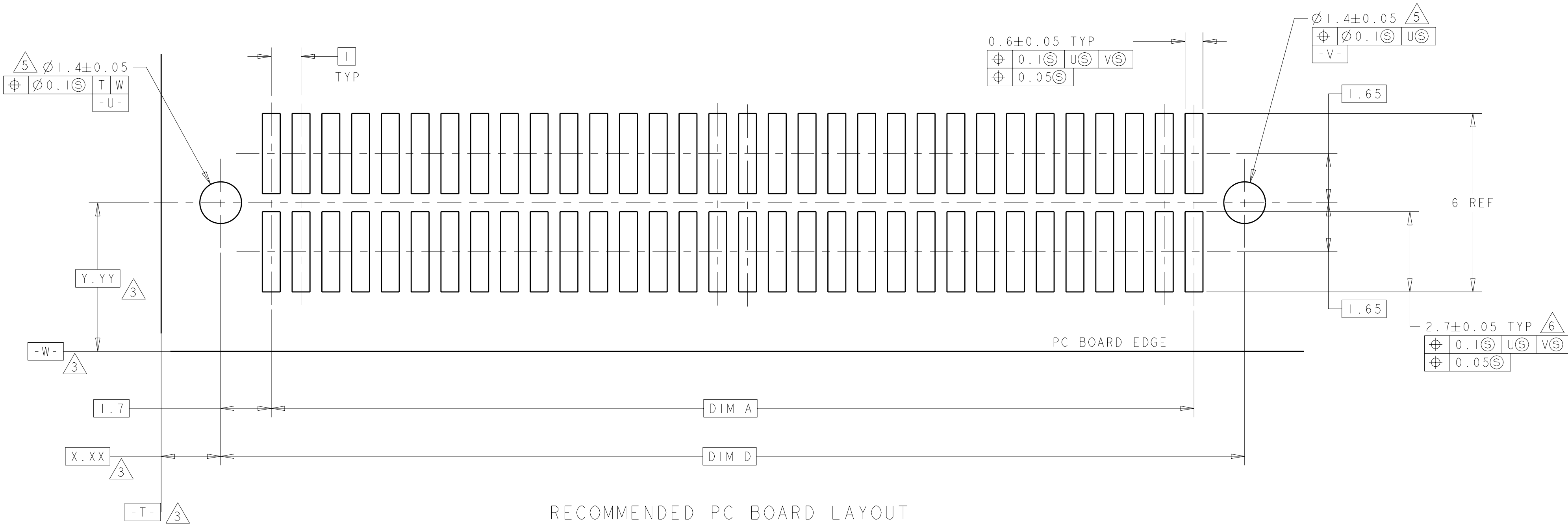
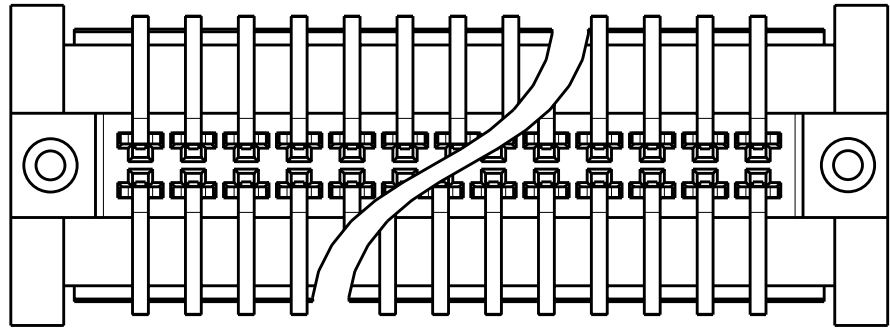
- 1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER. COLOR; BLACK. CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2 CONTACT FINISH: NICKEL UNDERPLATE ALL OVER. MATING SURFACES PLATED TO MEET PL1 PERFORMANCE REQUIREMENTS OF INDUSTRY SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN.
- 3 DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE CONNECTORS ON A PC BOARD.
- 4 PACKAGED IN TAPE ON 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

9 PLC
2 PLC
3 PLC
5 PLC
4 PLC

±
±
±0.03
±0.003
±

±0°30'

MATERIAL
SEE TABLE

DWN
B. CARBO
CHK
R. WERTZ
APVD
R. WERTZ

30SEP04
30SEP04
30SEP04

PRODUCT SPEC
502-1079
APPLICATION SPEC
114-25045

WEIGHT
-

CUSTOMER DRAWING

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

SIZE
A100779

CAGE CODE
C=5120527

DRAWING NO
-

RESTRICTED TO
-

SCALE
10:1

SHEET
1

OF
1

REV
A2