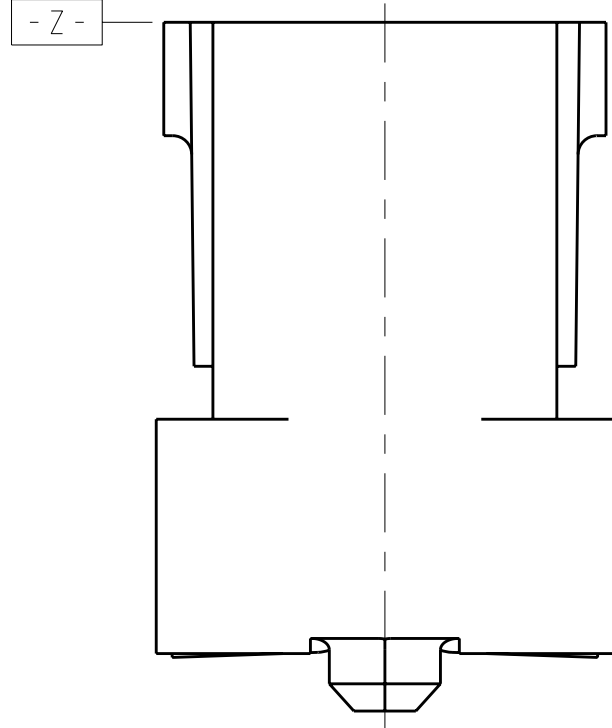
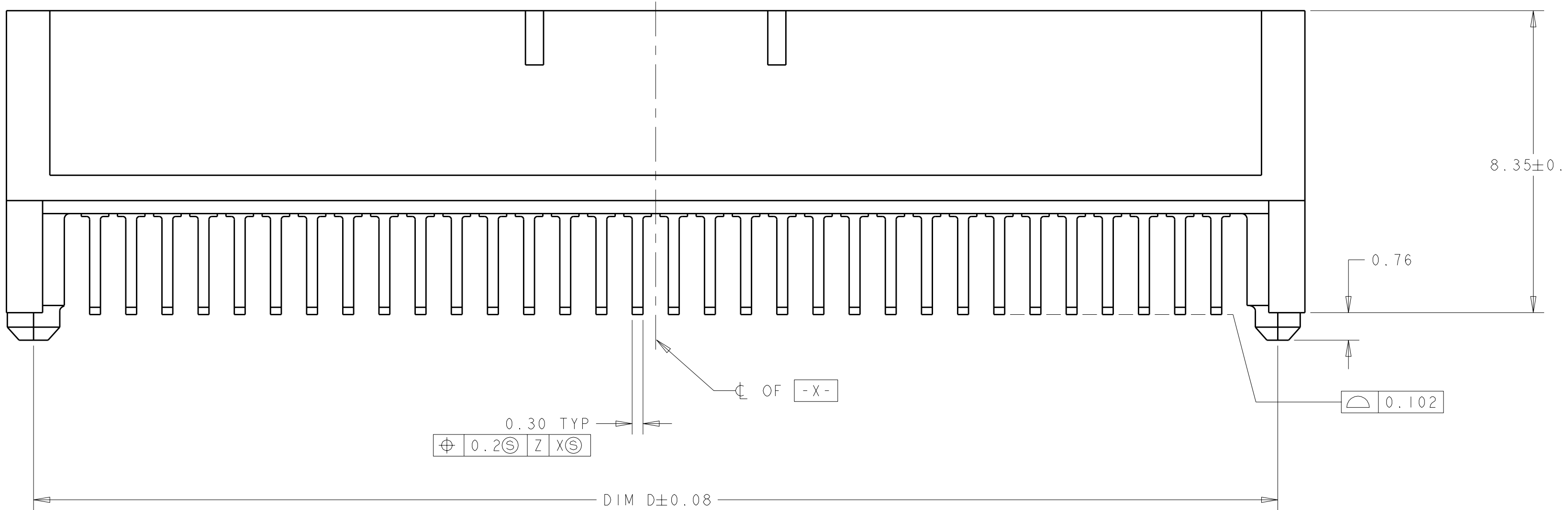
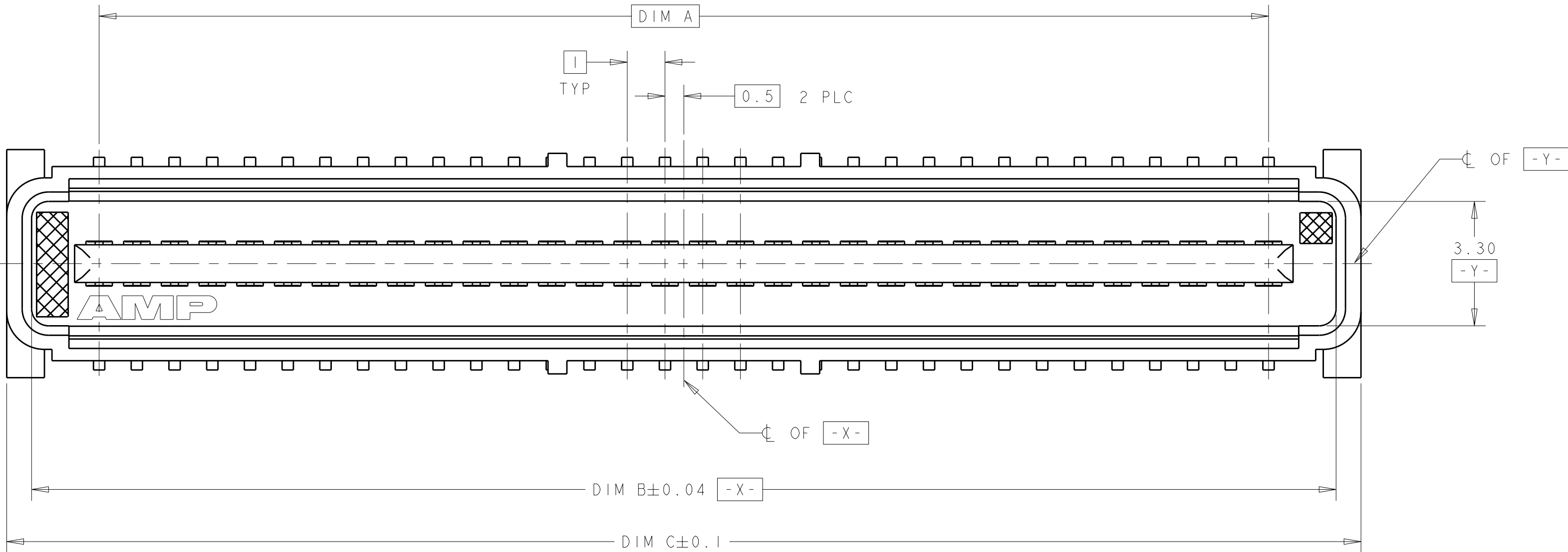
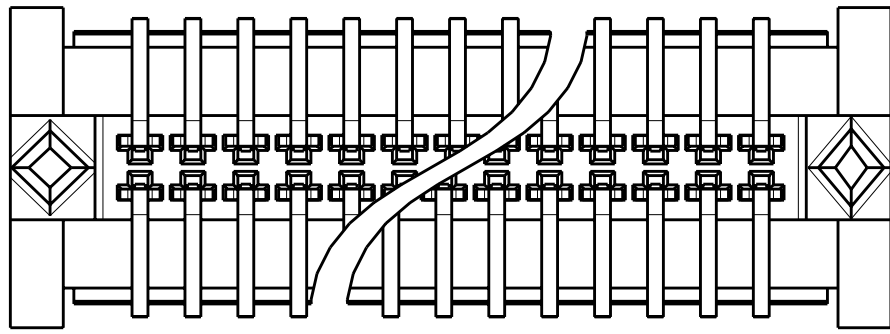


LOC		DIST		REVISIONS					
AD		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A2	REVISED PER ECO-11-004835	11MAR2011	RK	HMR

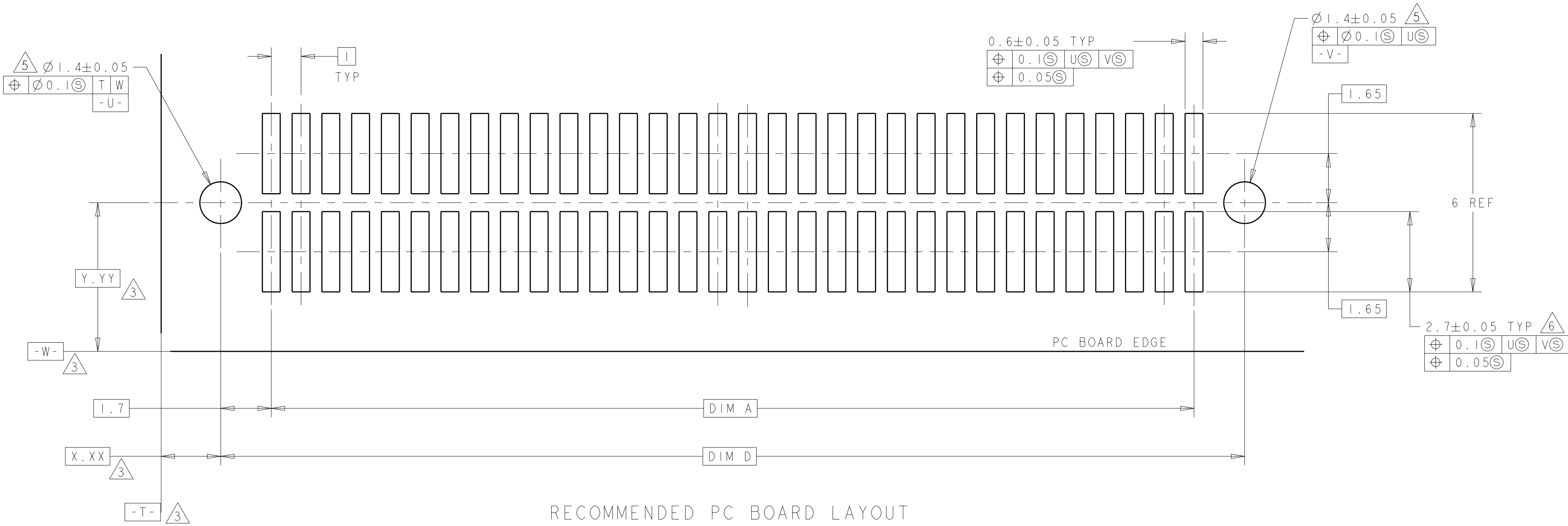
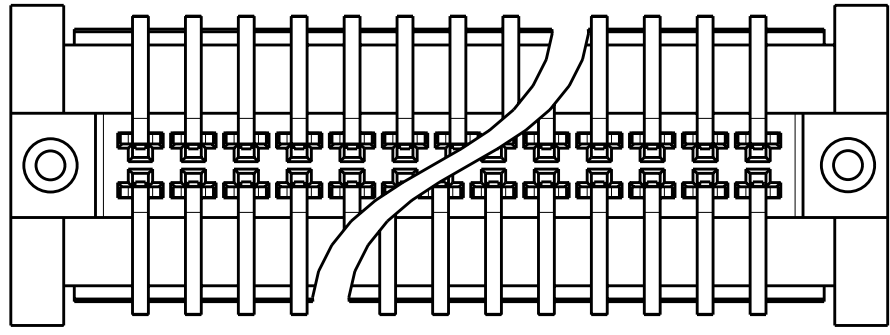
- 1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER. COLOR; BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2 CONTACT FINISH: NICKEL UNDERPLATE ALL OVER. MATING SURFACES
PLATED TO MEET PL1 PERFORMANCE REQUIREMENTS OF INDUSTRY
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN.
- 3 DATUM LOCATIONS AND BASIC DIMENSIONS 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.

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

30SEP04
30SEP04
30SEP04

DIMENSIONS:
mm

9 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES

±
±
±0.03
±0.003
±
#0°30'

MATERIAL

SEE TABLE

CUSTOMER DRAWING

TE Connectivity

PLUG ASSY, 1.0mm FH(IEEE 1386)
CONNECTOR

NAME

SIZE
CAGE CODE
DRAWING NO

RESTRICTED TO

100779

5120527

10:1

1

OF 1

REV A2