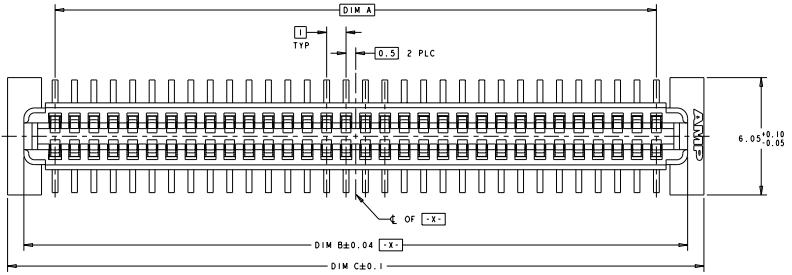
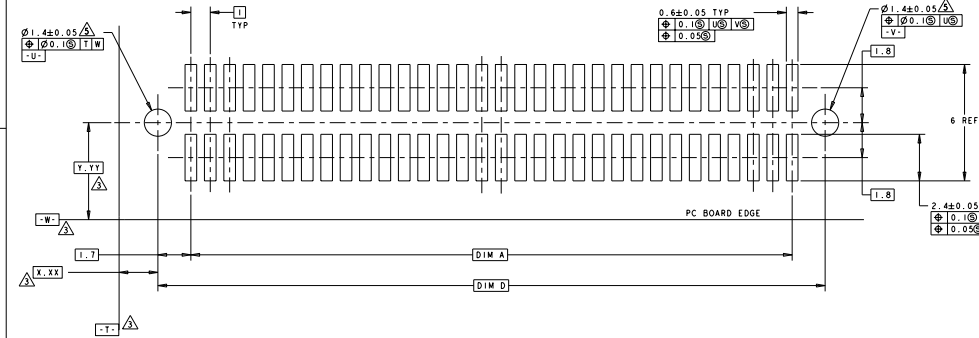
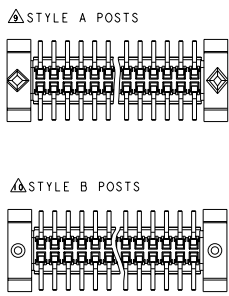
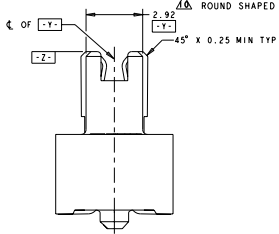
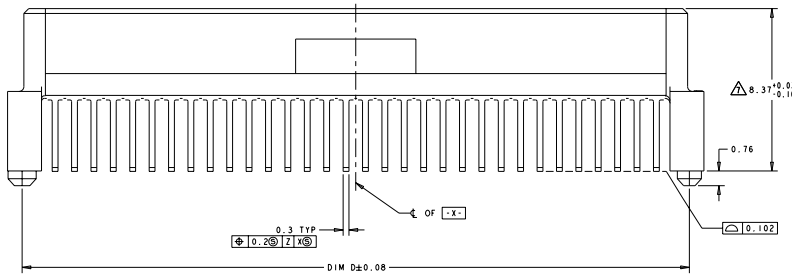


REV	DATE	DESCRIPTION	BY	CHK	APP
0	REV PER EC 0512-0235-04		2902PMM	BC	SB
A	REVISED PER ECO-98-008615		2902PMM	DH	SB
A1	REV PER ECO-99-015860		2902PMM	ALG	SM



- HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC, COLOR: BLACK. CONTACT MATERIAL: PHOSPHOR BRONZE.
- CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES PLATED TO MEET PL-1 PERFORMANCE REQUIREMENTS OF INDUSTRY SPECIFICATION EIA-700AAB. SOLDER TAILS PLATED TIN.
- DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE CONNECTORS ON A PC BOARD.
- PACKAGED IN TAPE ON REEL PER EIA-481.
- 1.5 MIN DIAMETER HOLE SHOULD BE USED IF USING POST STYLE "A" AND PLACING ON PCB WITH VACUUM PLACEMENT EQUIPMENT.
- SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAB, HOWEVER 2.4 LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER OF CONNECTOR.
- REFERRED TO AS DIM H = 8.3±0.1 IN EIA 700AAB SPECIFICATION.
- 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.
- SQUARE AND DIAMOND SHAPED POSTS
- ROUND SHAPED POSTS



RECOMMENDED PC BOARD LAYOUT

POST STYLE	FINISH	DIM D	DIM C	DIM B	DIM A	STACK HGTS	POS	PART NO
△	△	44.4	45.9	44.22	41	13	84	3-5120523-2
△	△	34.4	35.9	34.22	31	13	64	3-5120523-1
△	△	44.4	45.9	44.22	41	13	84	2-5120523-2
△	△	34.4	35.9	34.22	31	13	64	2-5120523-1
△	△	44.4	45.9	44.22	41	13	84	1-5120523-2
△	△	34.4	35.9	34.22	31	13	64	1-5120523-1
△	△	44.4	45.9	44.22	41	13	84	5120523-2
△	△	34.4	35.9	34.22	31	13	64	5120523-1

REVISED 295EPK4
DATE 08/24/2018
BY 2902PMM
CHK BC
APP SB
DESCRIPTION RCPT ASSY, 1.0mm FH1 (IEEE1386) CONNECTOR
STRT 114-25885
DATE CODE (blank)
QUANTITY 100000
REVISION A
00778 ©-5120523
CUSTOMER DRAWING