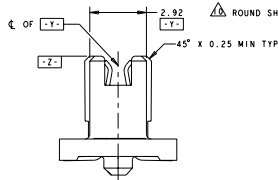
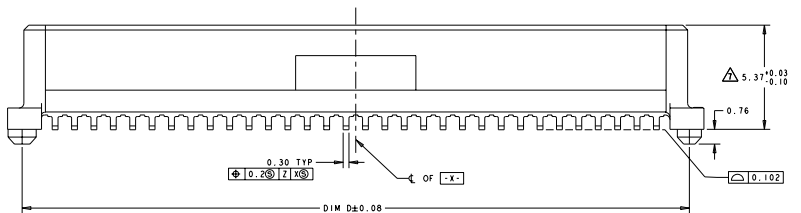
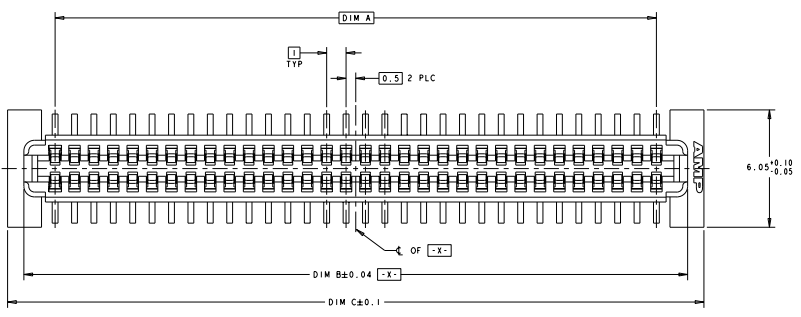


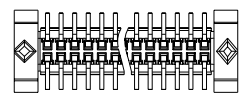
DATE SHOWN TO SUPPLIER: 20  
 RECEIVED FOR FABRICATION: 20  
 ALL RIGHTS RESERVED

REV	DESCRIPTION	DATE	BY	CHK
AD 00				
A2	REVISED PER ECO-11-004833			

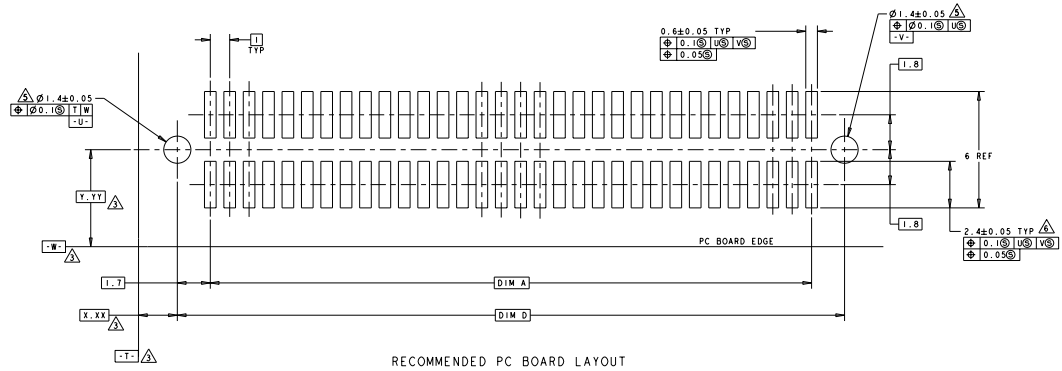
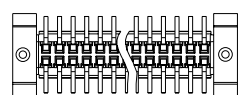


- HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC, COLOR: BLACK. CONTACT MATERIAL: PHOSPHOR BRONZE.
- CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES PLATED TO MEET PL1 PERFORMANCE REQUIREMENTS OF INDUSTRY SPECIFICATION EIA-700AAB, SOLDER TAILS PLATED TIN.
- DATUM LOCATIONS AND BASIC DIMENSIONS 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 = 5.30±0.1 IN EIA700AAB 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

STYLE A POSTS



STYLE B 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	8.9.10	84	3-5120521-2
△	△	34.4	35.9	34.22	31	8.9.10	64	3-5120521-1
△	△	44.4	45.9	44.22	41	8.9.10	84	2-5120521-2
△	△	34.4	35.9	34.22	31	8.9.10	64	2-5120521-1
△	△	44.4	45.9	44.22	41	8.9.10	84	1-5120521-2
△	△	34.4	35.9	34.22	31	8.9.10	64	1-5120521-1
△	△	44.4	45.9	44.22	41	8.9.10	84	5120521-2
△	△	34.4	35.9	34.22	31	8.9.10	64	5120521-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DATE: 29SEP04

REVISIONS: 29SEP04

DESCRIPTION: RECEPTACLE ASSY, 1.0mm FH1 (IEEE1386) CONNECTOR

REV: 114-25685

STRT: 00779

CUSTOMER DRAWING