

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	K	REV PER ECR-14-016951	11FEB2015	I.T	W.H

1. HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC, 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-LEAD.

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-481.

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 2.4
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF
MANUFACTURER OF CONNECTOR.

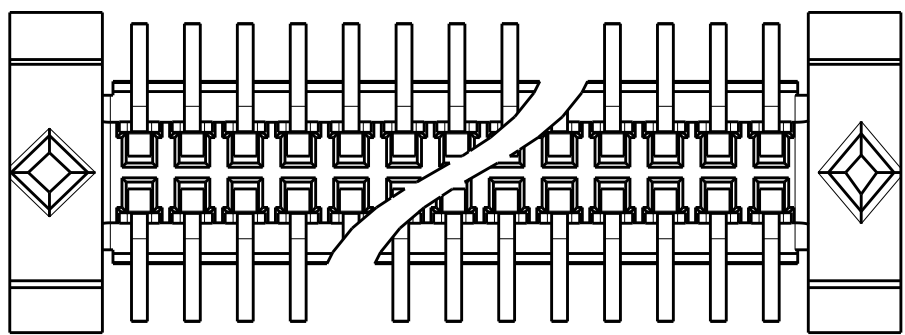
7 REFERRED TO AS DIM H = 10.3±0.1 IN EIA 700AAAB SPECIFICATION.

8 CONTACT FINISH: 0.002 MINIMUM BRIGHT TIN-LEAD (93-7)
ON SOLDER AREA, 0.00127 MINIMUM GOLD ON MATING AREA,
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.

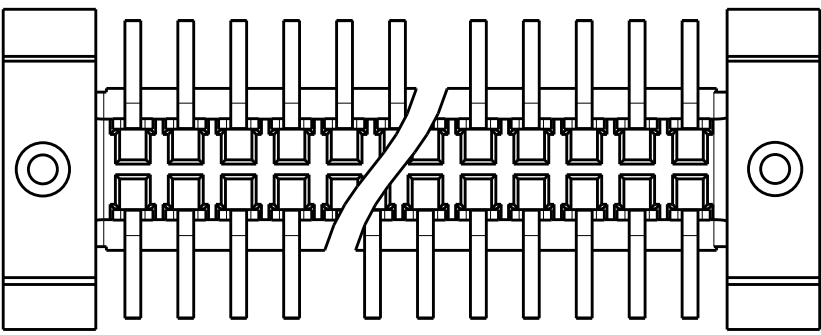
9 SQUARE AND DIAMOND SHAPED POSTS

10 ROUND SHAPED POSTS

9 STYLE A POST



10 STYLE B POST



10	8	44.4	45.9	44.22	41	14, 15	84	3-120524-2
10	8	34.4	35.9	34.22	31	14, 15	64	3-120524-1
10	2	44.4	45.9	44.22	41	14, 15	84	2-120524-2
9	2	34.4	35.9	34.22	31	14, 15	64	2-120524-1
9	8	44.4	45.9	44.22	41	14, 15	84	1-120524-2
9	8	34.4	35.9	34.22	31	14, 15	64	1-120524-1
9	2	44.4	45.9	44.22	41	14, 15	84	120524-2
9	2	34.4	35.9	34.22	31	14, 15	64	120524-1
POST STYLE	FINISH	DIM D	DIM C	DIM B	DIM A	STACK HGTS	POS	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN J. REED 2/11/97		 TE Connectivity	
				CHK L. VO 2/11/97			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		RCPT ASSY, 1.0mm FH(IEEE1386) CONNECTOR	
mm		APVD -		PRODUCT SPEC			
		0 PLC ±"		502-1079		SIZE CAGE CODE DRAWING NO	
		2 PLC ±0.03		APPLICATION SPEC			
		3 PLC ±0.003		114-25045			
		4 PLC ±"		WEIGHT -			
ANGLES		FINISH ±0°-1°		CUSTOMER DRAWING		RESTRICTED TO	
MATERIAL		SEE TABLE		SCALE 10:1		SHEET 1 OF 1 REV K	

RECOMMENDED PC BOARD LAYOUT