



1.0mm FH (IEEE 1386) Receptacles with Vacuum Cover, 1.0 [.039] Pitch

8 [.315] thru 15 [.591] Stacking Heights

Material and Finish:

Housing — Liquid crystal polymer, black

Contacts — Phosphor bronze; duplex plated 0.00075 [.000030] min. gold on contact area, 0.00381 [.000150] min. tin-lead on solder area, with entire contact underplated 0.00127 [.000050] min. nickel

Vacuum Cover — Aluminum Alloy

Related Product Data:

Performance Characteristics —
page 54

Stacking Height Combinations —
page 55

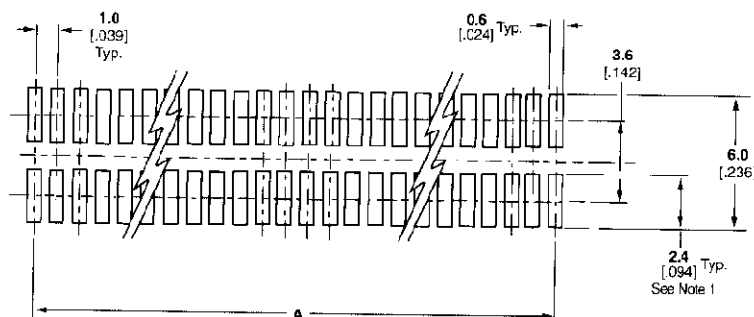
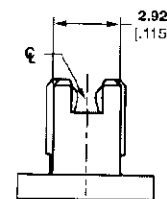
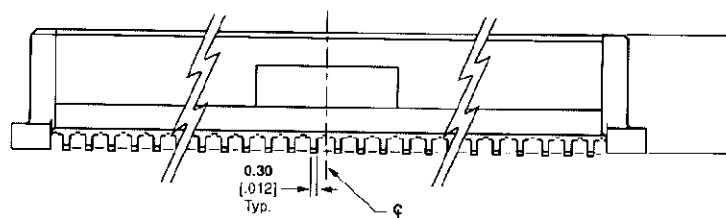
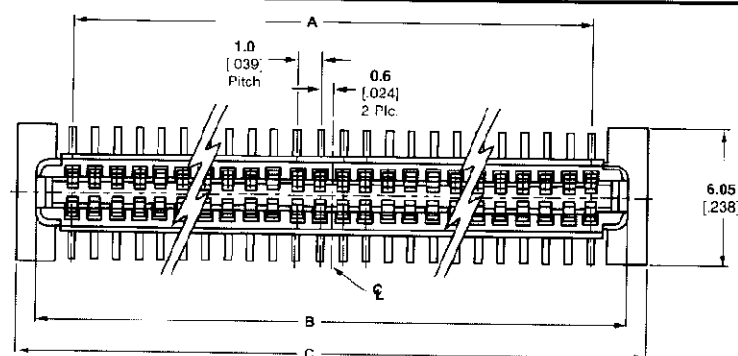
Mating Plugs — pages 56 & 59

Technical Documents:

EIA-700 AAAB Specification

AMP Application Specification:

114-25045



Recommended PC Board Layout

No. of Positions	Dimensions			Receptacle Part Numbers
	A	B	C	
64	31.0 1.220	34.22 1.347	35.9 1.413	5.37 .211 120528-1
				7.37 .290 120529-1
				8.37 .330 120530-1
				10.37 .408 120531-1
84	41.0 1.614	44.22 1.741	45.9 1.807	5.37 .211 120528-2
				7.37 .290 120529-2
				8.37 .330 120530-2
				10.37 .408 120531-2

Notes: 1. Shorter solder lands may be used per EIA-700 AAAB. However, the 2.4 [.094] length assures optimum solder fillet regardless of connector manufacturer.

2. Vacuum cover omitted from illustrations above for dimensional clarity.