



Z-PACK 2mm FutureBus+ Connectors (Continued)
 IEC61076-4-0X(48B)

4 Row — Signal Modules, Right Angle Receptacle Assemblies
 (Free-Board Connector), 2mm x 2mm Circuit Grid

Receptacle Assemblies with Solder Leads and Compliant Press-Fit Leads

Material and Finish:

Housing — Liquid crystal polymer
Receptacle Contacts — Copper alloy 18C, duplex plated gold flash over 0.0008 min., palladium-nickel on mating surface, 0.0033 min. tin-lead on solder lead, with entire contact underplated 0.0013 nickel

Related Product Data

Material Specifications — page 293
Compliant Press-Fit Contact Specifications — page 293
Application Tooling — page 360

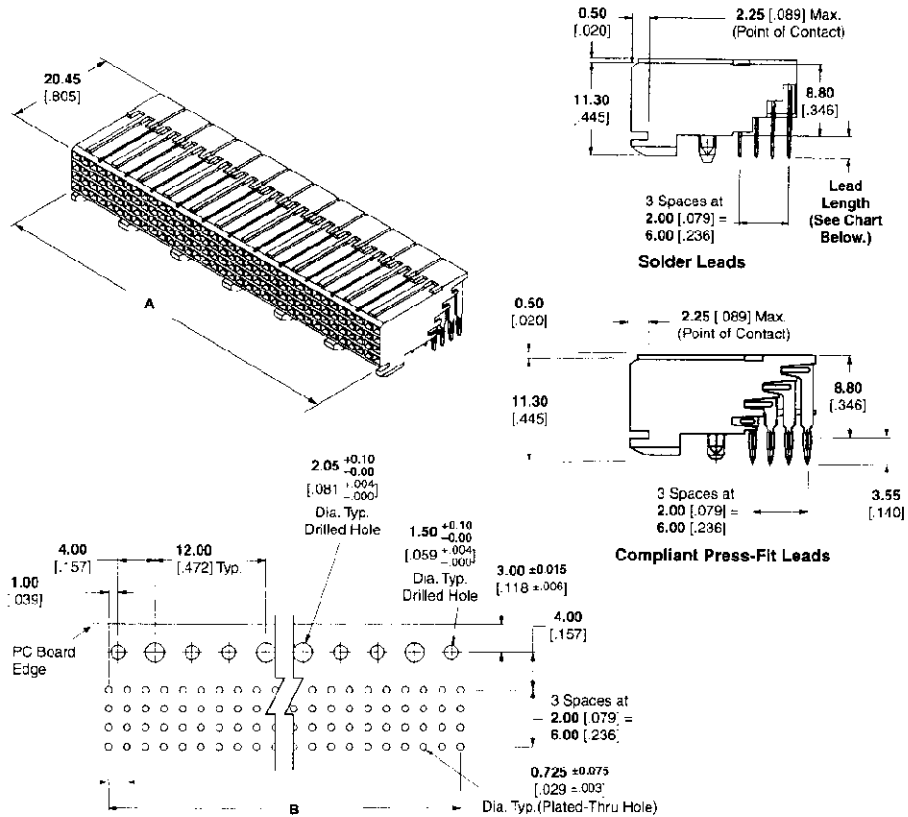
Technical Documents

Product Specification
 108-1441
Application Specification
 114-1075
Instruction Sheets
 408-6927, 408-9910, 408-9979
Electrical Performance Report
 65476

4 Row Select Load R/A Receptacle Assemblies

Part Number 536547

Notes: Refer to customer drawing for specific loading patterns and part numbers.
 Right angle receptacles can be select loaded by column.
 Consult AMP Incorporated for loading patterns and part numbers.



Recommended PC Board Hole Layout per IPC-D-300, Type II, Class C (Component Side)

Receptacle Assembly

No. of Positions	Dimensions		Part Numbers			Seating Tooling
	A	B	with Solder Leads		with Press-Fit Leads	
			2.73 [107] Lead Length	3.53 [139] Lead Length		
24	11.88 .468	10.00 .394	536507-1	536510-1	536511-1	
48	23.88 .940	22.00 .866	536507-2	536510-2	536511-2	
72	35.88 1.413	34.00 1.339	1-536507-1	—	1-536511-2	
96	47.88 1.885	46.00 1.811	536507-3	536510-3	536511-3	
120	59.88 2.357	58.00 2.283	536507-6	536510-6	536511-6	
144	71.88 2.830	70.00 2.756	536507-7	536510-5	536511-5	Industry Standard Flat Rack
168	83.88 3.302	82.00 3.228	536507-5	536510-7	536511-8	
192	95.88 3.775	94.00 3.701	536507-4	536510-4	536511-4	
216	107.88 4.247	106.00 4.173	536507-9	536510-9	1-536511-0	
240	119.88 4.720	118.00 4.646	536507-8	536510-8	536511-9	
264	131.88 5.192	130.00 5.118	1-536507-0	1-536510-0	1-536511-1	

Note: Contact AMP for additional sizes.

Backplane Systems

Backplane Connectors