



## Z-PACK 2mm FutureBus+ Connectors (Continued)

IEC61076-4-0X(48B)

### 5 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, 0.0038 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**  
1242176

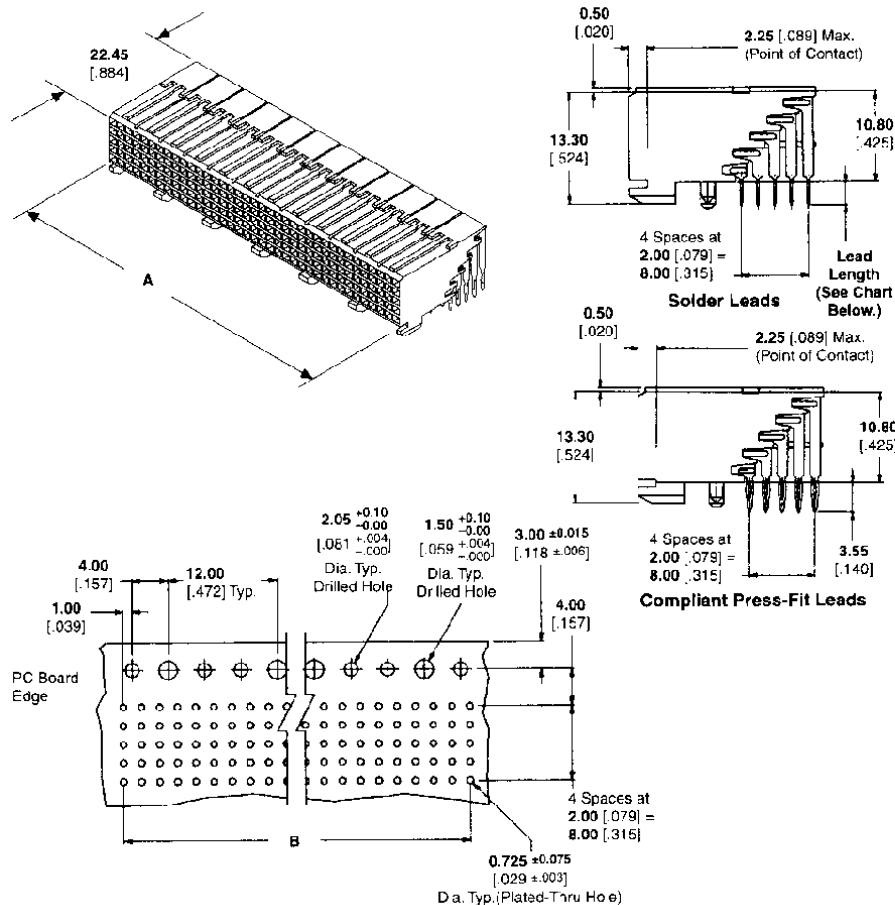
#### 5 Row Select Load R/A Receptacle Assemblies

**Notes:** Right angle receptacles can be select loaded by column.  
 Consult AMP Incorporated for loading patterns and part numbers

#### 5 Row Extended Length R/A Receptacle Assemblies

Part Number 223036  
 Part Number 223054

**Notes:** Refer to customer drawing for specific loading patterns and part numbers.  
 Consult AMP Incorporated for additional versions.



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 2.73 [.107] Lead Length	3.53 [.139] Lead Length	with Press-Fit Leads	
30	11.88 .468	10.00 .394	223004-1	223007-1	223008-1	Industry Standard Flat Rock
60	23.88 .940	22.00 .866	223004-2	223007-2	223008-2	
90	35.88 1.413	34.00 1.339	223004-3	223007-3	223008-3	
120	47.88 1.885	46.00 1.811	223004-4	223007-4	223008-4	
150	59.88 2.357	58.00 2.283	223004-5	223007-5	223008-5	
180	71.88 2.830	70.00 2.756	223004-6	223007-6	223008-6	
210	83.88 3.302	82.00 3.228	223004-7	223007-7	223008-7	
240	95.88 3.775	94.00 3.701	223004-8	223007-8	223008-8	
270	107.88 4.247	106.00 4.173	223004-9	223007-9	223008-9	
300	119.88 4.720	118.00 4.646	1-223004-0	1-223007-0	1-223008-0	
330	131.88 5.192	130.00 5.118	1-223004-1	1-223007-1	1-223008-1	

Note: Contact AMP for additional sizes.