

**4 Row, Signal Modules, Right-Angle Pin Assemblies**

**16mm Wide Body  
Right-Angle  
Pin Assemblies  
with Solder Leads and  
Compliant Press-Fit Leads**

**Material and Finish:**

**Housing** — Liquid crystal polymer

**Pin Contacts** — Phosphor bronze, mating surface plating conforms to all testing specified for Telcordia Uncontrolled Environment, with entire contact underplated with 0.00127 min. nickel. See customer drawing for specific lead plating.

**Related Product Data:**

**Material Specifications** — page 27

**Performance/Test Level Data** — page 27

**Compliant Press-Fit Contact Specifications** — page 28

**Application Tooling** — page 29, 30

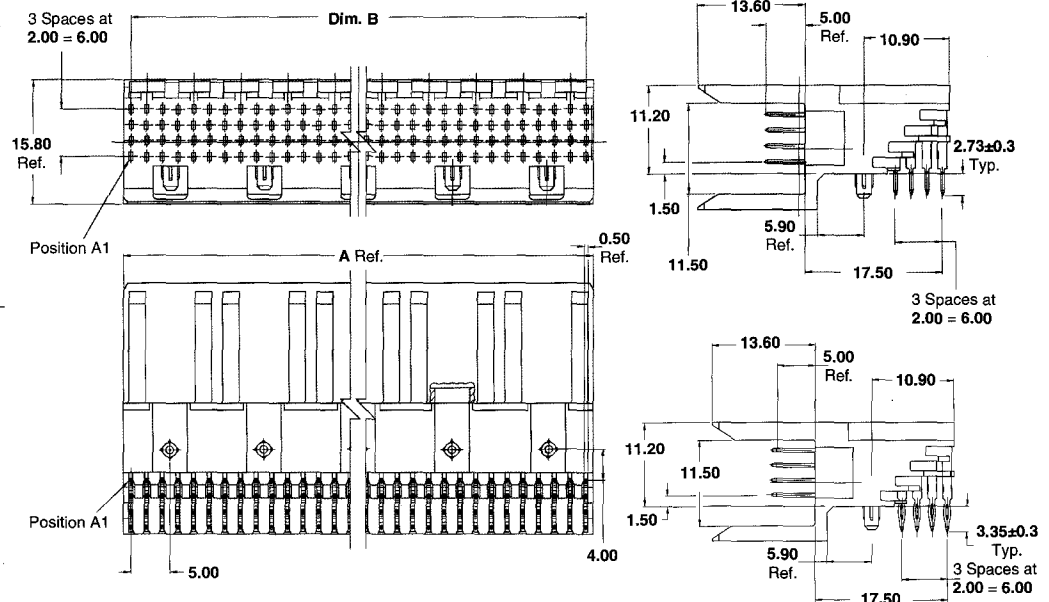
**Technical Documents  
(page 2):**

**Product Specification**  
108-1441

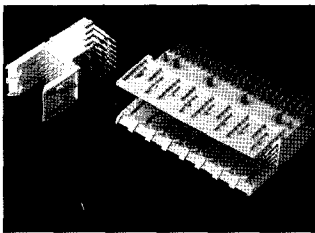
**Application Specification**  
114-1075

**Instruction Sheets**  
408-6927

**Electrical Performance Report**  
65476



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



**Right-Angle Pin Assemblies**

| No. of Positions | Dimensions |       | Part Numbers      |                      | Seating Tooling             |
|------------------|------------|-------|-------------------|----------------------|-----------------------------|
|                  | A          | B     | with Solder Leads | with Press-Fit Leads |                             |
| 24               | 11.88      | 10.00 | 223513-1          | 223514-1             | Industry Standard Flat Rock |
| 48               | 23.88      | 22.00 | 223513-2          | 223514-2             |                             |
| 72               | 35.88      | 34.00 | 223513-7          | —                    |                             |
| 96               | 47.88      | 46.00 | 223513-3          | 223514-3             |                             |
| 120              | 59.88      | 58.00 | 223513-6          | 223514-6             |                             |
| 144              | 71.88      | 70.00 | 223513-5          | 223514-5             |                             |
| 168              | 83.88      | 82.00 | 223513-8          | —                    |                             |
| 192              | 95.88      | 94.00 | 223513-4          | 223514-4             |                             |

Part Numbers shown are tin-lead plated part numbers. See pages 31-33 for RoHS Compliant Part Numbers.