

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Housing is compatible with SMT processing
- Blanked tuning fork terminal, smooth contact surface
- Optimum tail true position control
- Date-coded assembly
- Fork lock retention to board

### Reference Information

Product Specification: PS-79058  
UL File No.: E29179  
CSA File No.: LR19980A-281  
Designed In: Inches

### Electrical

Voltage: 30V  
Current: 1.0A  
Contact Resistance: 25mΩ max.  
Dielectric Withstanding Voltage: 500V AC  
Insulation Resistance: 1000 MΩ min.

### Mechanical

Mating Force: 5.3 oz max.  
Unmating Force: 1.0 oz min.  
Normal Force: 100g

### Physical

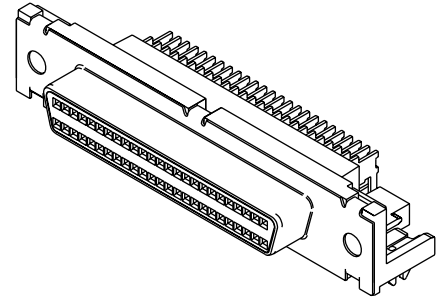
Housing: Black high-temperature thermoplastic, UL 94V-0  
Contact: Phosphor Bronze  
Plating: 30μ" Gold in contact area, 75μ" Tin/Lead on solder tails, all over Nickel overall  
Operating Temperature: -55 to +105°C



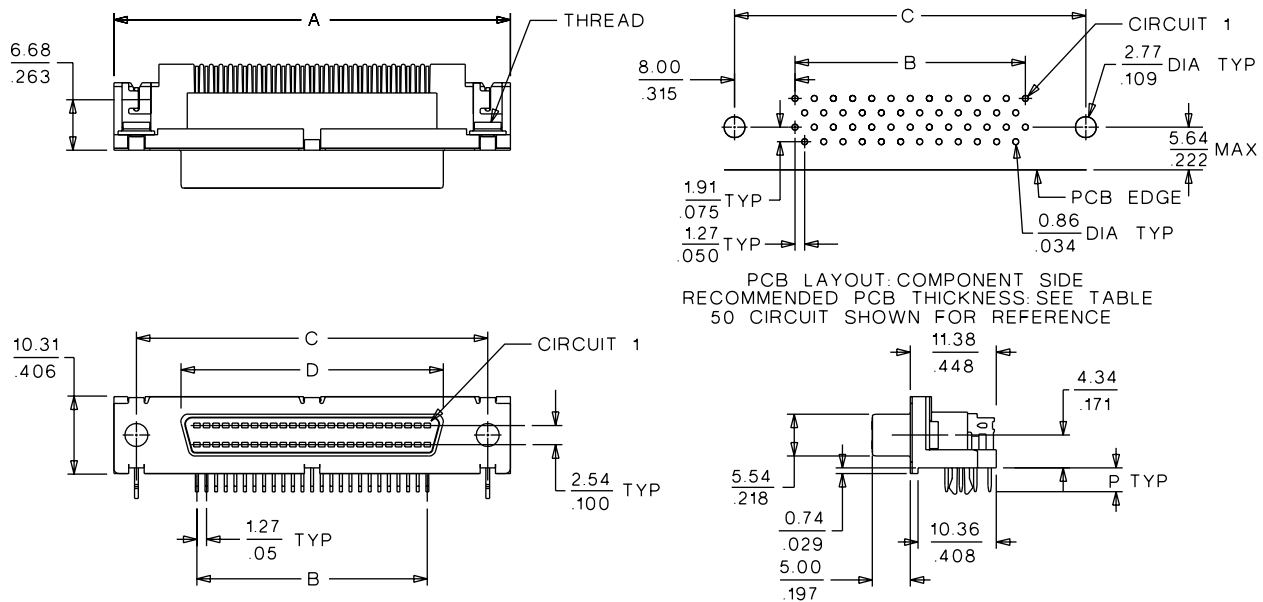
## 1.27mm (.050") Pitch SCSI+ Shielded Receptacle

**79059**

## Right Angle without Latches



## CATALOG DRAWING (FOR REFERENCE ONLY)



## ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No.  |            | Thread | Dimension     |               |               |               |             | Recommended PCB Thickness |
|----------|------------|------------|--------|---------------|---------------|---------------|---------------|-------------|---------------------------|
|          | Automatic* | Manual**   |        | A             | B             | C             | D             | P           |                           |
| 50       | 15-87-6040 | 79059-1901 | 4-40   | 52.45 (2.065) | 30.48 (1.200) | 46.48 (1.830) | 34.70 (1.366) | 3.18 (.125) | 1.57 (.062)               |
|          | 15-87-6041 | 79059-1905 |        | 52.45 (2.065) | 30.48 (1.200) | 46.48 (1.830) | 34.70 (1.366) | 3.18 (.125) | 2.36 (.093)               |
|          | 15-87-6042 | 79059-1909 |        | 52.45 (2.065) | 30.48 (1.200) | 46.48 (1.830) | 34.70 (1.366) | 4.19 (.165) | 3.18 (.125)               |
|          | 15-87-6043 | 79059-1918 | 2-56   | 52.45 (2.065) | 30.48 (1.200) | 46.48 (1.830) | 34.70 (1.366) | 3.18 (.125) | 1.57 (.062)               |
|          | 15-87-6044 | 79059-1922 |        | 52.45 (2.065) | 30.48 (1.200) | 46.48 (1.830) | 34.70 (1.366) | 3.18 (.125) | 2.36 (.093)               |
|          | 15-87-6045 | 79059-1926 |        | 52.45 (2.065) | 30.48 (1.200) | 46.48 (1.830) | 34.70 (1.366) | 4.19 (.165) | 3.18 (.125)               |
| 68       | 15-87-6200 | 79059-1902 | 4-40   | 63.88 (2.515) | 41.91 (1.650) | 57.91 (2.280) | 46.13 (1.816) | 3.18 (.125) | 1.57 (.062)               |
|          | 15-87-6201 | 79059-1906 |        | 63.88 (2.515) | 41.91 (1.650) | 57.91 (2.280) | 46.13 (1.816) | 3.18 (.125) | 2.36 (.093)               |
|          | 15-87-6202 | 79059-1910 |        | 63.88 (2.515) | 41.91 (1.650) | 57.91 (2.280) | 46.13 (1.816) | 4.19 (.165) | 3.18 (.125)               |
|          | 15-87-6060 | 79059-1919 | 2-56   | 63.88 (2.515) | 41.91 (1.650) | 57.91 (2.280) | 46.13 (1.816) | 3.18 (.125) | 1.57 (.062)               |
|          | 15-87-6061 | 79059-1923 |        | 63.88 (2.515) | 41.91 (1.650) | 57.91 (2.280) | 46.13 (1.816) | 3.18 (.125) | 2.36 (.093)               |
|          | 15-87-6062 | 79059-1927 |        | 63.88 (2.515) | 41.91 (1.650) | 57.91 (2.280) | 46.13 (1.816) | 4.19 (.165) | 3.18 (.125)               |

\* For automatic placement of screw hardware

\*\* For manual placement of screw hardware

Note: Available screwlock hardware provides panel mounting, maintains cable-ground connection and accepts mating and jackscrew hardware to provide plug retention. Please see page Q-39.