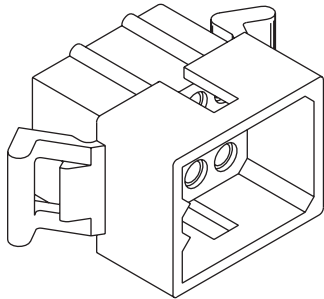


# 3.68mm (.145") Pitch .062" Pin and Socket Plug

Standard .062"



### Features and Benefits

- Friction lock
- Panel and PCB mountable
- 1-piece strain relief available, 41316 series
- Polarized housing assures proper mating
- Male and female terminals may be used in plug housing

### Reference Information

Packaging: Bag  
 UL File No.: E29179  
 CSA File No.: LR19980  
 Mates With: Standard .062" receptacle  
 Use With: Standard .062" terminal  
 Designed In: Inches

### Electrical

Voltage: 250V  
 Current: See chart  
 Dielectric Withstanding Voltage: 1500V AC rms

### Mechanical

Contact Retention to Housing: 88.96N min.

### Physical

Housing: Nylon, UL 94V-2  
 Operating Temperature: -40 to +105°C

| Circuits  | Series | Order No.                  |                            | Amperes per Circuit |
|-----------|--------|----------------------------|----------------------------|---------------------|
|           |        | Panel Mount                | Free Hanging               |                     |
| 1         | 1625   | N/A                        | <a href="#">03-06-2011</a> | 5.0                 |
| 2         |        | <a href="#">03-06-2024</a> | <a href="#">03-06-2023</a> |                     |
| 3         |        | <a href="#">03-06-2033</a> | <a href="#">03-06-2032</a> |                     |
| 4 (1 x 4) |        | <a href="#">03-06-2041</a> | <a href="#">03-06-2042</a> |                     |
| 4 (2 x 2) | 2004   | <a href="#">03-06-2043</a> | <a href="#">03-06-2044</a> |                     |
| 5         |        | <a href="#">03-06-2054</a> | <a href="#">03-06-2055</a> |                     |
| 6         |        | <a href="#">03-06-2062</a> | <a href="#">03-06-2061</a> |                     |
| 9         |        | <a href="#">03-06-2091</a> | <a href="#">03-06-2092</a> |                     |
| 12        | 1625   | <a href="#">03-06-2121</a> | <a href="#">03-06-2122</a> |                     |
| 15        |        | <a href="#">03-06-2151</a> | <a href="#">03-06-2152</a> |                     |
| 24        |        | <a href="#">03-06-2241</a> | <a href="#">03-06-2242</a> |                     |
| 36*       |        | <a href="#">03-06-2361</a> | <a href="#">03-06-2362</a> |                     |
|           | 1772   |                            |                            | 4.0                 |

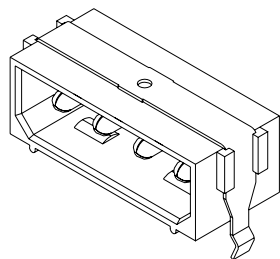
\* 36-circuit plug is on a 4.19mm (.165") pitch

[www.molex.com/product/power/](http://www.molex.com/product/power/)

# 5.08mm (.200") Pitch Disk Drive Power Connection System Header

53109

Right Angle with Strap  
Standard Polarization



### Features and Benefits

- Pre-assembled with metal strap for secure PCB retention

### Reference Information

UL File No.: E29179  
 CSA File No.: LR19980  
 Mates With: 70156 and 8981-410  
 Designed In: Millimeters

### Electrical

Voltage: 250V  
 Current: 5.0A  
 Contact Resistance: 10 milliohms max.  
 Dielectric Withstanding Voltage: 1500V AC  
 Insulation Resistance: 1000 Megohms min.

### Mechanical

Contact Retention to Housing: 4 lb min.  
 Mating Force: 4 lb max.  
 Unmating Force: 1.5 lb min.

### Physical

Housing: 6/6 nylon, UL 94V-2  
 Contact: Phosphor Bronze  
 Plating: Tin  
 Band: Brass, pre-Tinned  
 Operating Temperature: -40 to +80°C

| Engineering No.                  | Order No.                  | PC Tail Length | Lead-free |
|----------------------------------|----------------------------|----------------|-----------|
| 53109-0410 Standard Polarization | <a href="#">53109-0410</a> | 3.50 (.138)    | Yes       |