

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 3 to 30 circuits
- Staggered solder tails, 3.50mm (.138") long
- 5597 accommodates FFC/FPC 0.30mm (.012") thick

### Reference Information

Packaging: Tray  
Designed In: Millimeters

### Electrical

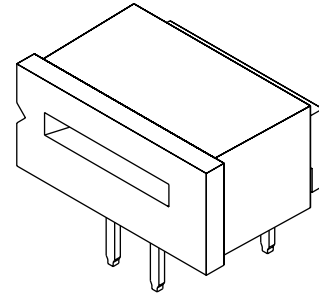
Voltage: 200V  
Current: 1.0A  
Contact Resistance: 20mΩ max.  
Dielectric Withstanding Voltage: 500V AC/1 min.  
Insulation Resistance: 500 MΩ min.

### Physical

Housing: PBTP, UL 94V-0  
Actuator: PBTP, UL 94V-0  
Contact: Phosphor Bronze  
Plating: Tin  
Temperature: -20 to +80°C

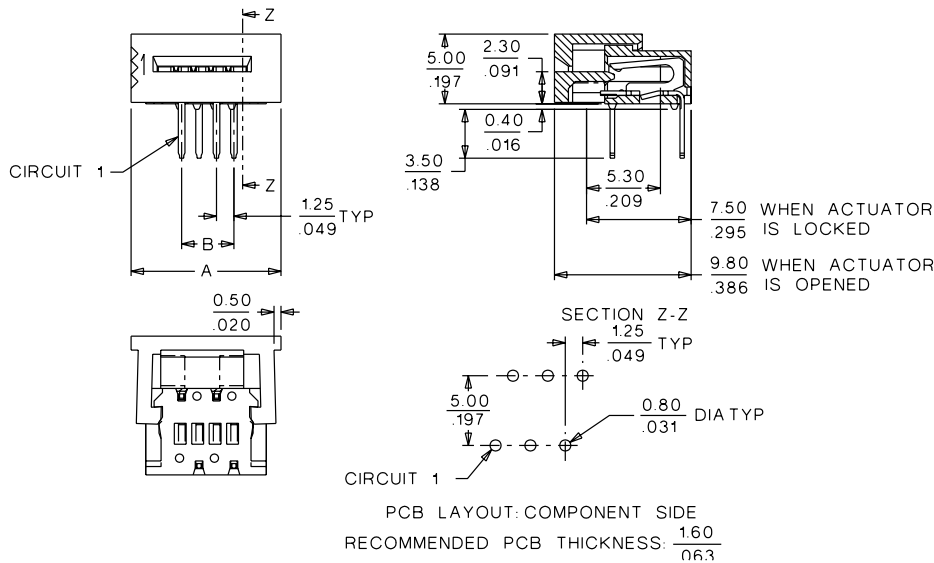
**molex**® 1.25mm (.049") Pitch  
FFC/FPC Connector

**5597-NAPB**  
Right Angle, ZIF



FFC/FPC Connectors

F



## ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No.  | Dimension     |              |
|----------|------------|---------------|--------------|
|          |            | A             | B            |
| 3        | 39-51-3033 | 9.50 (.374)   | 2.50 (.098)  |
| 4        | 39-51-3043 | 10.75 (.423)  | 3.75 (.147)  |
| 5        | 39-51-3053 | 12.00 (.472)  | 5.00 (.196)  |
| 6        | 39-51-3063 | 13.25 (.522)  | 6.25 (.246)  |
| 7        | 39-51-3073 | 14.50 (.571)  | 7.50 (.295)  |
| 8        | 39-51-3083 | 15.75 (.620)  | 8.75 (.344)  |
| 9        | 39-51-3093 | 17.00 (.669)  | 10.00 (.393) |
| 10       | 39-51-3103 | 18.25 (.719)  | 11.25 (.442) |
| 11       | 39-51-3113 | 19.50 (.768)  | 12.50 (.492) |
| 12       | 39-51-3123 | 20.75 (.817)  | 13.75 (.541) |
| 13       | 39-51-3133 | 22.00 (.866)  | 15.00 (.590) |
| 14       | 39-51-3143 | 23.25 (.915)  | 16.25 (.639) |
| 15       | 39-51-3153 | 24.50 (.965)  | 17.50 (.688) |
| 16       | 39-51-3163 | 25.75 (1.014) | 18.75 (.738) |

| Circuits | Order No.  | Dimension     |               |
|----------|------------|---------------|---------------|
|          |            | A             | B             |
| 17       | 39-51-3173 | 27.00 (1.063) | 20.00 (.787)  |
| 18       | 39-51-3183 | 28.25 (1.112) | 21.25 (.836)  |
| 19       | 39-51-3193 | 29.50 (1.161) | 22.50 (.885)  |
| 20       | 39-51-3203 | 30.75 (1.211) | 23.75 (.935)  |
| 21       | 39-51-3213 | 32.00 (1.260) | 25.00 (.984)  |
| 22       | 39-51-3223 | 33.25 (1.309) | 26.25 (1.033) |
| 23       | 39-51-3233 | 34.50 (1.358) | 27.50 (1.082) |
| 24       | 39-51-3243 | 35.75 (1.407) | 28.75 (1.131) |
| 25       | 39-51-3253 | 37.00 (1.475) | 30.00 (1.181) |
| 26       | 39-51-3263 | 38.25 (1.506) | 31.25 (1.230) |
| 27       | 39-51-3273 | 39.50 (1.555) | 32.50 (1.279) |
| 28       | 39-51-3283 | 40.75 (1.604) | 33.75 (1.328) |
| 29       | 39-51-3293 | 42.00 (1.654) | 35.00 (1.377) |
| 30       | 39-51-3303 | 43.25 (1.703) | 36.25 (1.427) |

Note: For cable specification dimensions, see cable pages at end of section