

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 6 to 64 circuits
- Polarized
- Friction lock

### Reference Information

Product Specification: PS-99020-0001  
 Packaging: Bag  
 Mates With: 90122, 90130 and 90131  
 Use With: 90119  
 Designed In: Inches

### Electrical

Voltage: 350V  
 Current: 3.0A max.  
 Contact Resistance: 20mΩ max.  
 Insulation Resistance: 1000 MΩ min.

### Mechanical

Contact Retention to Housing: 15N min.  
 Normal Force: 1N

### Physical

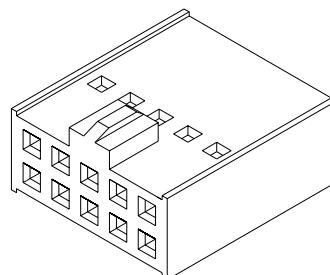
Housing: Black polyphenylene oxide, UL 94V-1  
 Operating Temperature: -55 to +105°C



## 2.54mm (.100") Pitch C-Grid III™ Crimp Connector Housing

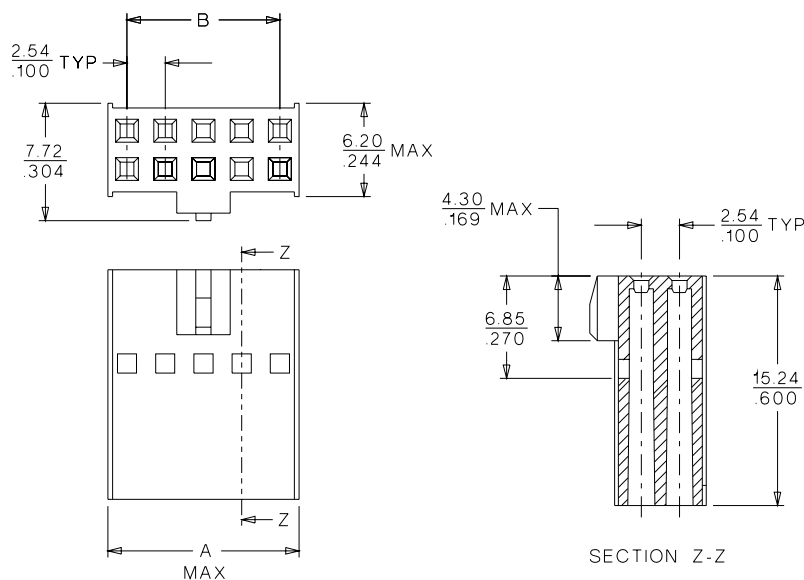
**90142**

**Dual Row**



## CATALOG DRAWING (FOR REFERENCE ONLY)

**Not For Use With Molex SL™ Components**



Delivered on a carrier with 20 pieces per strip.

Actual  
Size



Universal Polarizing Pin  
 40713-1  
 Order No. 15-04-0292

## ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No.  | Dimension     |               |
|----------|------------|---------------|---------------|
|          |            | A             | B             |
| 6        | 90142-0006 | 7.77 (.306)   | 5.08 (.200)   |
| 8        | 90142-0008 | 10.31 (.406)  | 7.62 (.300)   |
| 10       | 90142-0010 | 12.85 (.506)  | 10.16 (.400)  |
| 12       | 90142-0012 | 15.39 (.606)  | 12.70 (.500)  |
| 14       | 90142-0014 | 17.93 (.706)  | 15.24 (.600)  |
| 16       | 90142-0016 | 20.47 (.806)  | 17.78 (.700)  |
| 18       | 90142-0018 | 23.01 (.906)  | 20.32 (.800)  |
| 20       | 90142-0020 | 25.55 (1.006) | 22.86 (.900)  |
| 22       | 90142-0022 | 28.09 (1.106) | 25.55 (1.006) |
| 24       | 90142-0024 | 30.63 (1.206) | 27.94 (1.100) |
| 26       | 90142-0026 | 33.17 (1.306) | 30.48 (1.200) |

| Circuits | Order No.  | Dimension     |               |
|----------|------------|---------------|---------------|
|          |            | A             | B             |
| 30       | 90142-0030 | 38.25 (1.506) | 35.56 (1.400) |
| 34       | 90142-0034 | 43.33 (1.706) | 40.64 (1.600) |
| 36       | 90142-0036 | 45.87 (1.806) | 43.18 (1.700) |
| 38       | 90142-0038 | 48.41 (1.906) | 45.72 (1.800) |
| 40       | 90142-0040 | 50.95 (2.006) | 48.26 (1.900) |
| 44       | 90142-0044 | 56.03 (2.206) | 53.34 (2.100) |
| 50       | 90142-0050 | 63.65 (2.506) | 60.96 (2.400) |
| 54       | 90142-0054 | 68.73 (2.706) | 66.06 (2.600) |
| 60       | 90142-0060 | 76.35 (3.006) | 73.66 (2.900) |
| 64       | 90142-0064 | 81.43 (3.206) | 78.74 (3.100) |
| 68       | 90142-0068 | 86.51 (3.406) | 83.82 (3.300) |

For other available circuit sizes contact Molex