

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 4 to 64 circuits
- With and without polarizing buttons
- Stackable end-to-end

Reference Information

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

Electrical

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

Mechanical

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

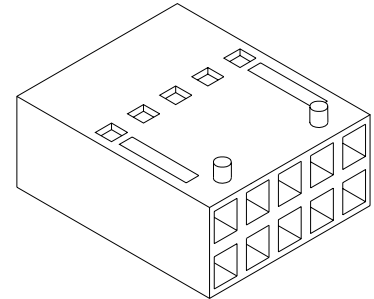
Physical

Housing: Black polyphenylene oxide, UL 94V-1
 Operating Temperature: -55 to +105°C
 Polarization: 4 buttons for use with adapter 90140



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

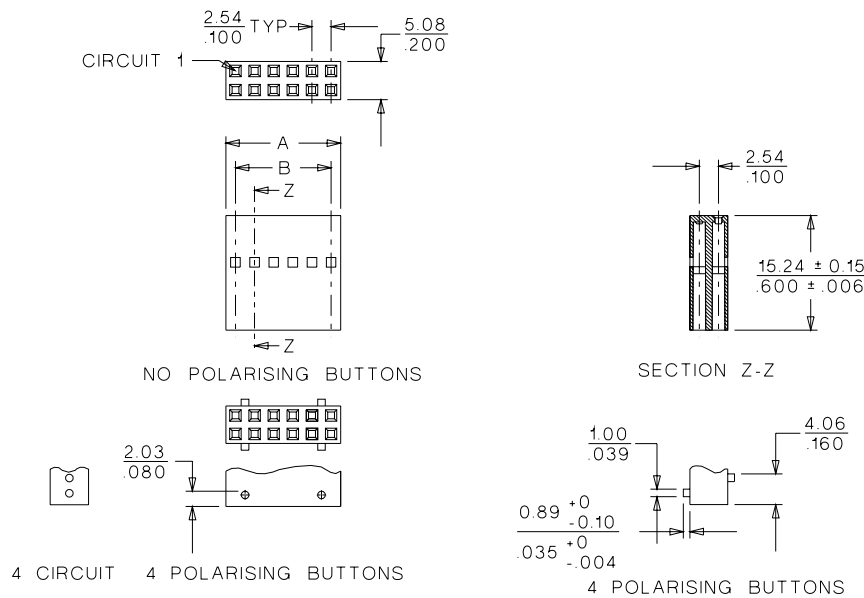
90143 Dual Row



2.54mm (.100") Pitch

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 | |
|----------|------------|-------------|---------------|---------------|
| | 0 Buttons | 4 Buttons | A | B |
| 4 | 90143-0004 | 90143-0104* | 5.08 (.200) | 2.54 (.100) |
| 6 | 90143-0006 | 90143-0106 | 7.62 (.300) | 5.08 (.200) |
| 8 | 90143-0008 | 90143-0108 | 10.16 (.400) | 7.62 (.300) |
| 10 | 90143-0010 | 90143-0110 | 12.70 (.500) | 10.16 (.400) |
| 12 | 90143-0012 | 90143-0112 | 15.24 (.600) | 12.70 (.500) |
| 14 | 90143-0014 | 90143-0114 | 17.78 (.700) | 15.24 (.600) |
| 16 | 90143-0016 | 90143-0116 | 20.32 (.800) | 17.78 (.700) |
| 18 | 90143-0018 | 90143-0118 | 22.86 (.900) | 20.32 (.800) |
| 20 | 90143-0020 | 90143-0120 | 25.40 (1.000) | 22.86 (.900) |
| 26 | 90143-0026 | 90143-0126 | 33.02 (1.300) | 30.48 (1.200) |
| 34 | 90143-0034 | 90143-0134 | 43.18 (1.700) | 40.64 (1.600) |
| 36 | 90143-0036 | 90143-0136 | 45.72 (1.800) | 43.18 (1.700) |
| 40 | 90143-0040 | 90143-0140 | 50.80 (2.000) | 48.26 (1.900) |
| 50 | 90143-0050 | 90143-0150 | 63.50 (2.500) | 60.96 (2.400) |
| 60 | 90143-0060 | 90143-0160 | 76.20 (3.000) | 73.66 (2.900) |
| 64 | 90143-0064 | 90143-0164 | 81.28 (3.200) | 78.74 (3.100) |

* 0 buttons only

For other available circuit sizes contact Molex