

**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

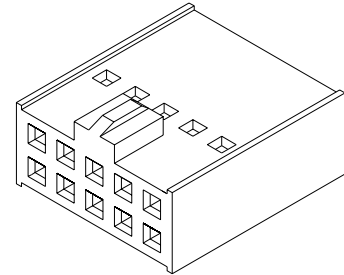
**Physical**

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



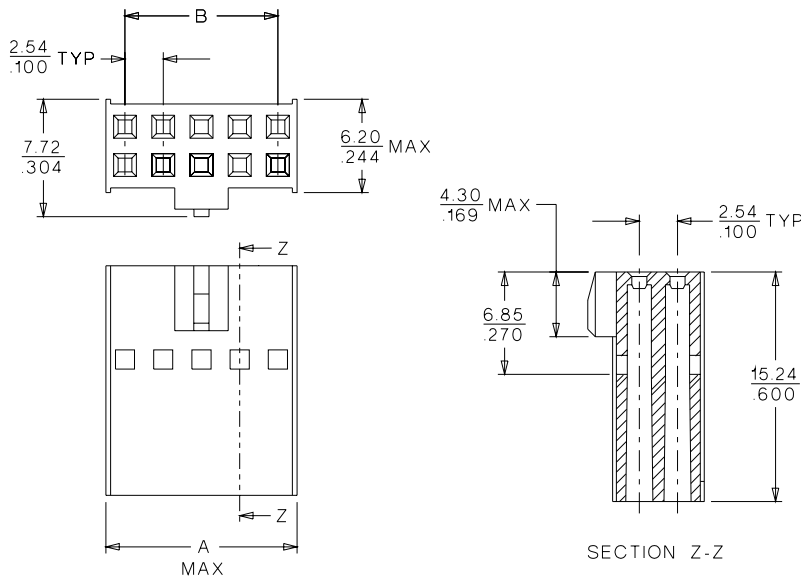
**2.54mm (.100") Pitch  
 C-Grid III™  
 Crimp Connector Housing**

**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