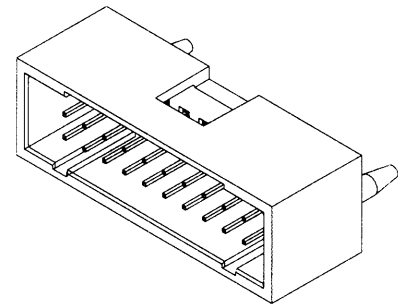


**molex® 2.54mm (.100") Pitch  
C-Grid®  
Shrouded Header**

**70568**

**Dual Row, High-Temperature  
Through Hole with Pegs  
Vertical**



**FEATURES AND SPECIFICATIONS**

**Features and Benefits**

- Sizes 6 to 72 circuits
- Robotically insertable and compatible
- Board retention pegs hold header in place until they are permanently secured by soldering
- Latch window retains modular connector assemblies after mating
- Standoffs minimize flux retention
- Round PC tails allow smaller PCB holes and aid robotic insertion
- Drawn .025" square wire provides 4-sided smooth surface for quality interface

**Reference Information**

Product Specification: PS-70567  
 Packaging: Tube  
 Mates With: C-Grid Receptacles, 70013B interim clip and 70450A crimp housing  
 Designed In: Inches

**Electrical**

Voltage: 250V  
 Current: 3.0A  
 Contact Resistance: 15mΩ max.  
 Dielectric Withstanding Voltage: 1500V  
 Insulation Resistance: 1000 MΩ min.

**Mechanical**

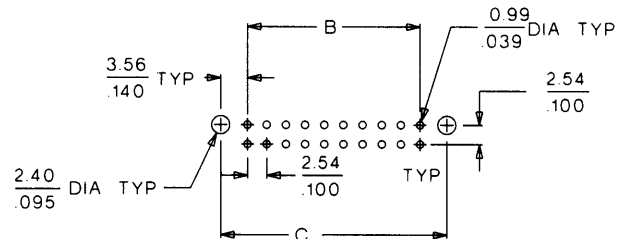
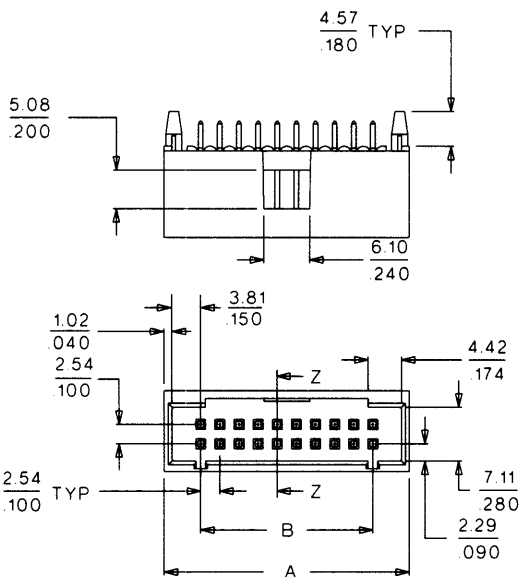
Contact Retention to Housing: 17.79N (4 lb)  
 Durability: 25 cycles Tin/Lead and 50 cycles Gold

**Physical**

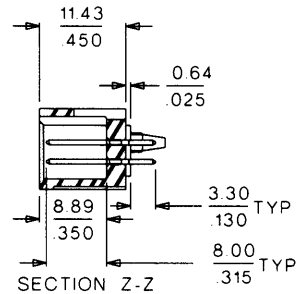
Housing: High-temperature thermoplastic, UL 94V-0  
 Contact: Phosphor Bronze  
 Plating: See Table  
 Operating Temperature: -40 to +105°C

**2.54mm (.100") Pitch**

**CATALOG DRAWING (FOR REFERENCE ONLY)**



PCB LAYOUT: COMPONENT SIDE



**ORDERING INFORMATION AND DIMENSIONS**

Circuits	Dimension	
	A	B
6	14.74 (.580)	5.08 (.200)
8	17.28 (.680)	7.62 (.300)
10	19.82 (.780)	10.16 (.400)
12	22.36 (.880)	12.70 (.500)
14	24.90 (.980)	15.24 (.600)
16	27.44 (1.080)	17.78 (.700)
18	29.98 (1.180)	20.32 (.800)
20	32.52 (1.280)	22.86 (.900)
22	35.06 (1.380)	25.40 (1.000)

Circuits	Dimension	
	A	B
24	37.60 (1.480)	27.94 (1.100)
26	40.14 (1.580)	30.48 (1.200)
28	42.68 (1.680)	33.02 (1.300)
30	45.22 (1.780)	35.56 (1.400)
32	47.76 (1.880)	38.10 (1.500)
34	50.30 (1.980)	40.64 (1.600)
36	52.84 (2.080)	43.18 (1.700)
38	55.38 (2.180)	45.72 (1.800)
40	57.92 (2.280)	48.26 (1.900)

Circuits	Dimension	
	A	B
42	60.46 (2.380)	50.80 (2.000)
44	63.00 (2.480)	53.34 (2.100)
46	65.54 (2.580)	55.88 (2.200)
48	68.08 (2.680)	58.42 (2.300)
50	70.62 (2.780)	60.96 (2.400)
52	73.16 (2.880)	63.50 (2.500)
54	75.70 (2.980)	66.04 (2.600)
56	78.24 (3.080)	68.58 (2.700)
58	80.78 (3.180)	71.12 (2.800)

Circuits	Dimension	
	A	B
60	83.32 (3.280)	73.66 (2.900)
62	85.86 (3.380)	76.20 (3.000)
64	88.40 (3.480)	78.74 (3.100)
66	90.94 (3.580)	81.28 (3.200)
68	93.48 (3.680)	83.82 (3.300)
70	96.02 (3.780)	86.36 (3.400)
72	98.56 (3.880)	88.90 (3.500)

Plating Option	Order No.
15μ" min. select Gold	15-47-76XX
30μ" min. select Gold	15-47-77XX
150μ" Tin/Lead	15-47-75XX

Replace XX with no. of circuits, 06-72 (even only)