

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 4 to 80 circuits
- Stackable end-to-end
- Extremely stable on board during wave soldering
- Standoffs facilitate post solder cleaning
- Drawn .025" square wire provides 4-sided smooth surface for quality interface

Reference Information

Product Specification: PS-7723
 Packaging: Tube
 UL File No.: E29179 (H)
 Designed In: Inches

Electrical

Voltage: 250V
 Current: 3.0A
 Contact Resistance: 15mΩ max.
 Dielectric Withstanding Voltage: 600V
 Insulation Resistance: 1000 MΩ min.

Mechanical

Pin Retention to Wafer: 1.8kg (4 lb)
 Durability: 25 cycles Tin/Lead and 50 cycles Gold

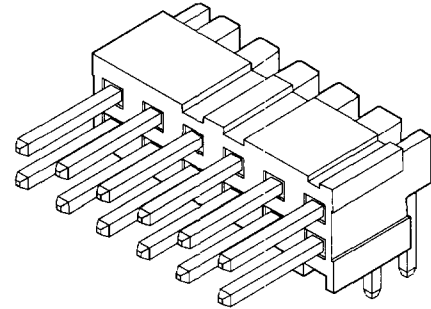
Physical

Housing: Glass-filled polyester, UL 94V-0
 Contact: Phosphor Bronze
 Plating: See Table
 Temperature: -40 to +105°C

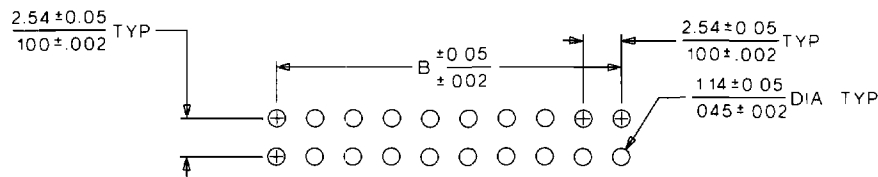


2.54mm (.100") Pitch C-Grid® Non-Breakaway Header

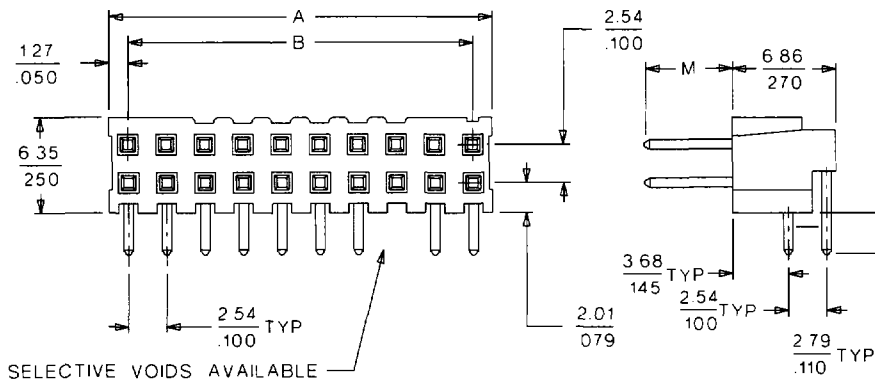
70206 Dual Row Right Angle



Not For Use With C-Grid III™ Components



PCB LAYOUT: COMPONENT SIDE



ORDERING INFORMATION AND DIMENSIONS

Plating Option	Order No.	
	M = 6.10mm (.240") P = 2.80mm (.110")	M = 8.13mm (.320") P = 2.80mm (.110")
15μ" min. select Gold	• 10-91-1XX1	• 10-91-1XX3
30μ" min. select Gold	• 10-91-2XX1	• 10-91-2XX3
150μ" Tin/Lead, Nickel overall	• 10-90-1XX1	• 10-90-1XX3
Replace XX with no. of circuits, 04-80 (even only)		

Circuits	Dimension	
	A	B
4	5.08 (.200)	2.54 (.100)
6	7.62 (.300)	5.08 (.200)
8	10.16 (.400)	7.62 (.300)
10	12.70 (.500)	10.16 (.400)
12	15.24 (.600)	12.70 (.500)
14	17.78 (.700)	15.24 (.600)
16	20.32 (.800)	17.78 (.700)
18	22.86 (.900)	20.32 (.800)
20	25.40 (1.000)	22.86 (.900)
22	27.94 (1.100)	25.40 (1.000)

Circuits	Dimension	
	A	B
24	30.48 (1.200)	27.94 (1.100)
26	33.02 (1.300)	30.48 (1.200)
28	35.56 (1.400)	33.02 (1.300)
30	38.10 (1.500)	35.56 (1.400)
32	40.64 (1.600)	38.10 (1.500)
34	43.18 (1.700)	40.64 (1.600)
36	45.72 (1.800)	43.18 (1.700)
38	48.26 (1.900)	45.72 (1.800)
40	50.80 (2.000)	48.26 (1.900)
42	53.34 (2.100)	50.80 (2.000)

Circuits	Dimension	
	A	B
44	55.88 (2.200)	53.34 (2.100)
46	58.42 (2.300)	55.88 (2.200)
48	60.96 (2.400)	58.42 (2.300)
50	63.50 (2.500)	60.96 (2.400)
52	66.04 (2.600)	63.50 (2.500)
54	68.58 (2.700)	66.04 (2.600)
56	71.12 (2.800)	68.58 (2.700)
58	73.66 (2.900)	71.12 (2.800)
60	76.20 (3.000)	73.66 (2.900)
62	78.74 (3.100)	76.20 (3.000)

Circuits	Dimension	
	A	B
64	81.28 (3.200)	78.74 (3.100)
66	83.82 (3.300)	81.28 (3.200)
68	86.36 (3.400)	83.82 (3.300)
70	88.90 (3.500)	86.36 (3.400)
72	91.44 (3.600)	88.90 (3.500)
74	93.98 (3.700)	91.44 (3.600)
76	96.52 (3.800)	93.98 (3.700)
78	99.06 (3.900)	96.52 (3.800)
80	101.60 (4.000)	99.06 (3.900)

• US Standard Product, available through Molex franchised distributors
 Note: Dimension M = Mating End and Dimension P = PC Tail