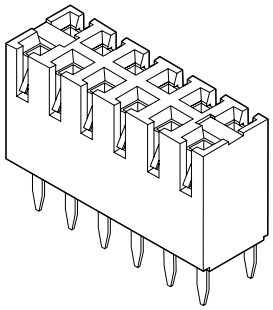
FEATURES AND SPECIFICATIONS

2.54mm (.100") Pitch C-Grid® PCB Connector

70192/70854 .100 x .100" Grid High Profile, Dual Row Vertical



Features and Benefits
- Sizes 4 to 80 circuits
- High profile: .340" high
- Designed for parallel and perpendicular stacking
- Stackable end-to-end and side-to-side on .100" grid
- Dual beam box contact
- Standoffs facilitate post solder clearing

Reference Information
Product Specification: PS-70181
UL File No.: E29179 (G)
CSA File No.: LR19980A
Mates With: C-Grid breakaway and shrouded headers, 8624, 8723, 8724, 70203, 70216, 70227, 70229, 70246, 70247, 70260, 70280, 70287, 70289, 71308, 71764, 70524, 70567, 70568
Designed In: Inches

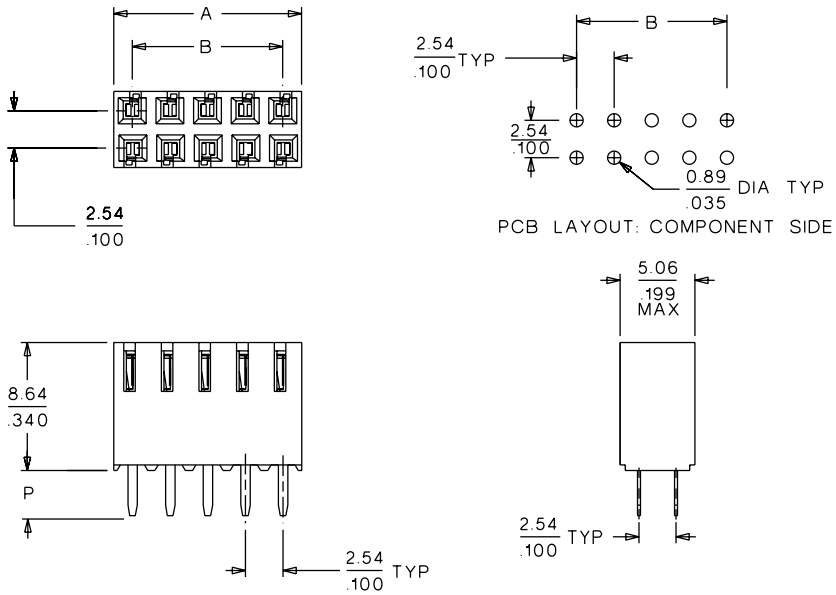
Electrical
Voltage: 250V
Current: 2.5A
Contact Resistance: 15mΩ max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 100,000 MΩ min.

Mechanical
Contact Insertion Force: 2.22N (0.5 lb)
Contact Retention to Housing: 17.79N (4 lb)
Durability: 25 cycles Tin/Lead and 50 cycles Gold

Physical
Housing: Black glass-filled polyester, UL 94V-0
Contact: Phosphor Bronze
Plating: See Table
Operating Temperature: -40 to +105˚C
PCB Thickness: .120" tail for .062" thick PCB; .050" tail ideal for thinner substrates: membrane switch and flex circuitry

CATALOG DRAWING (FOR REFERENCE ONLY)

Not For Use With Molex C-Grid III™ 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

	70192	70854
PC Tail Grid	**2.54 x 2.54mm (.100 x .100")**	**2.54 x 2.54mm (.100 x .100")**
PC Tail Length Dimension P	**3.05mm (.120")**	**1.27mm (.050")**
Plating Option	**Order No.**	**Order No.**
15µ" min. select Gold	• 15-44-32XX	15-47-66XX
30µ" min. select Gold	• 15-44-45XX	15-47-70XX
150µ" Tin/Lead	• 15-45-13XX	15-45-43XX
	Replace XX with **no. of circuits per row** (02-40), example: 20 circuit = 15-44-3310	Replace XX with **total no. of circuits** (04-80), example: 20 circuit = 15-47-6520

Circuits	Dimension	
	A	B
4	5.05 (.199)	2.54 (.100)
6	7.59 (.299)	5.08 (.200)
8	10.13 (.399)	7.62 (.300)
10	12.67 (.499)	10.16 (.400)
12	15.21 (.599)	12.70 (.500)
14	17.75 (.699)	15.24 (.600)
16	20.29 (.799)	17.78 (.700)
18	22.83 (.899)	20.32 (.800)
20	25.37 (.999)	22.86 (.900)
22	27.91 (1.099)	25.40 (1.000)

Circuits	Dimension	
	A	B
24	30.45 (1.199)	27.94 (1.100)
26	32.99 (1.299)	30.48 (1.200)
28	35.53 (1.399)	33.02 (1.300)
30	38.07 (1.499)	35.56 (1.400)
32	40.61 (1.599)	38.10 (1.500)
34	43.15 (1.699)	40.64 (1.600)
36	45.69 (1.799)	43.18 (1.700)
38	48.23 (1.899)	45.72 (1.800)
40	50.77 (1.999)	48.26 (1.900)
42	53.31 (2.099)	50.80 (2.000)

Circuits	Dimension	
	A	B
44	55.85 (2.199)	53.34 (2.100)
46	58.39 (2.299)	55.88 (2.200)
48	60.93 (2.399)	58.42 (2.300)
50	63.47 (2.499)	60.96 (2.400)
52	66.01 (2.599)	63.50 (2.500)
54	68.55 (2.699)	66.04 (2.600)
56	71.09 (2.799)	68.58 (2.700)
58	73.63 (2.899)	71.12 (2.800)
60	76.17 (2.999)	73.66 (2.900)
62	78.71 (3.099)	76.20 (3.000)

Circuits	Dimension	
	A	B
64	81.25 (3.199)	78.74 (3.100)
66	83.79 (3.299)	81.28 (3.200)
68	86.33 (3.399)	83.82 (3.300)
70	88.87 (3.499)	86.36 (3.400)
72	91.41 (3.599)	88.90 (3.500)
74	93.95 (3.699)	91.44 (3.600)
76	96.49 (3.799)	93.98 (3.700)
78	99.03 (3.899)	96.52 (3.800)
80	101.57 (3.999)	99.06 (3.900)

• US Standard Product, available through Molex franchised distributors