

2.54mm (.100") Pitch KK® PC Board Connector

4455 Top Entry



Features and Benefits

- Sizes 2 to 25 circuits
- End-to-end stackable
- Also available without board hooks (see table below)
- See 44812 Series for high temperature version
- Thicker board hooks available

Reference Information

Product Specification: PS-10-07
 Packaging: Tray
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 4030, 4094, 42152, 42153, 42375, 42376, 42377, 70021 and 70475 headers and .025" square pins (edge mount only)
 Designed In: Inches

Electrical

Voltage: 250V
 Current: 2.5A max.*
 Contact Resistance: 20 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 50K Megohms min.

Mechanical

Contact Retention to Housing: 3.63kg (8 lb) min.
 Mating Force: 199g max.
 Unmating Force: 57g min.
 Normal Force: 300g average

Physical

Housing: Nylon, UL 94V-0
 Contact: Brass (contact Molex for Phosphor Bronze)
 Plating: See Table
 Operating Temperature: 0 to +75°C

Circuits	Order No.				Lead-free
	Tin		Gold	Select Gold	
	With Hooks	Without Hooks	With Hooks	With Hooks	
2	22-02-2025	22-02-7023	22-18-2023	22-18-2021	Yes
3	22-02-2035	22-02-7033	22-18-2033	22-18-2031	
4	22-02-2045	22-02-7043	22-18-2043	22-18-2041	
5	22-02-2055	22-02-7053	22-18-2053	22-18-2051	
6	22-02-2065	22-02-7063	22-18-2063	22-18-2061	
7	22-02-2075	22-02-7073	22-18-2073	22-18-2071	
8	22-02-2085	22-02-7083	22-18-2083	22-18-2081	
9	22-02-2095	22-02-7093	22-18-2093	22-18-2091	
10	22-02-2105	22-02-7103	22-18-2103	22-18-2101	
11	22-02-2115	22-02-7113	22-18-2113	22-18-2111	
12	22-02-2125	22-02-7123	22-18-2123	22-18-2121	
13	22-02-2135	22-02-7133	22-18-2133	22-18-2131	

Circuits	Order No.				Lead-free
	Tin		Gold	Select Gold	
	With Hooks	Without Hooks	With Hooks	With Hooks	
15	22-02-2155	22-02-7153	22-18-2153	22-18-2151	Yes
16	22-02-2165	22-02-7163	22-18-2163	22-18-2161	
17	22-02-217				

* Current rating is dependent upon PCB traces, Copper weight, solder, etc. (contact Molex for more information)

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2.54mm (.100") Pitch PCB and Wire Connectors