

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 28 circuits
- Friction lock provides passive lock to connector with ramp
- Good in high vibration applications
- Various pin lengths available
- Voided circuits available (contact Molex)

Reference Information

Product Specification: PS-10-07
 Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 2695, 4455, 6471, 7220 and 7880
 Designed In: Inches

Electrical

Voltage: 250V
 Current: 4.0A
 Contact Resistance: 20mΩ max.
 Dielectric Withstanding Voltage: 1500V
 Insulation Resistance: 50K MΩ min.

Mechanical

Durability:
 Tin—25 cycles max.
 Gold—100 cycles max.

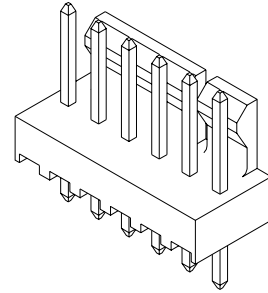
Physical

Housing: White nylon, UL 94V-0
 Contact: Brass, 0.64mm (.025") square
 Plating: See Table
 Operating Temperature: 0 to +75°C

molex® 2.54mm (.100") Pitch KK® Solid Header

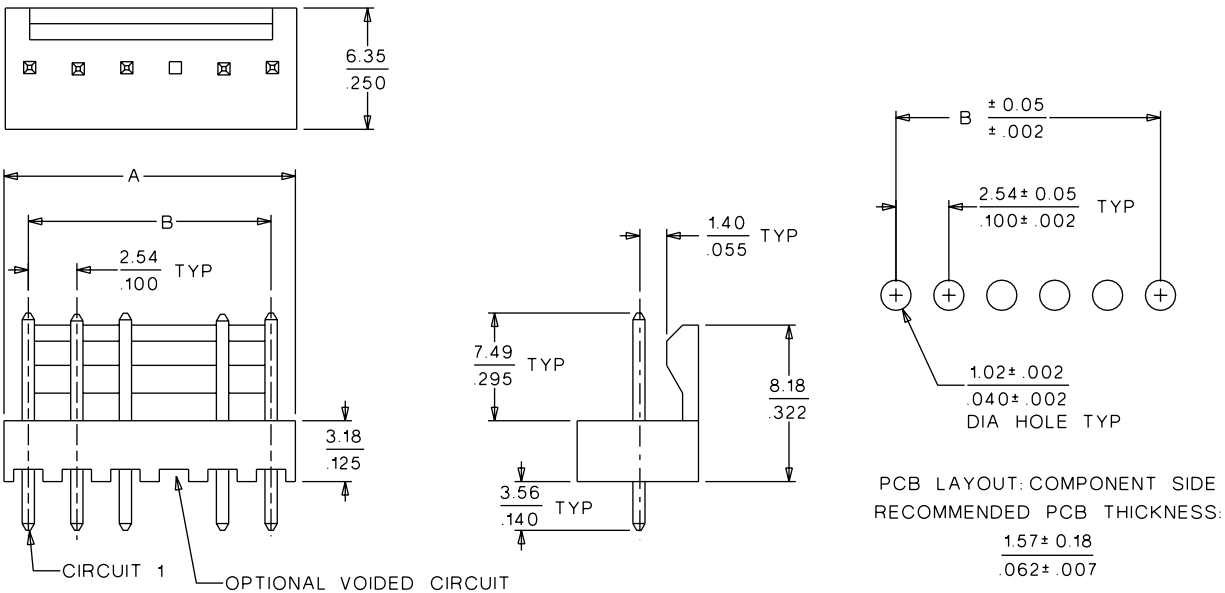
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Vertical Friction Lock



2.54mm (.100") Pitch

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.		Dimension	
	Tin	Gold	A	B
2	• 22-23-2021	• 22-11-2022	5.08 (.200)	2.54 (.100)
3	• 22-23-2031	• 22-11-2032	7.62 (.300)	5.08 (.200)
4	• 22-23-2041	• 22-11-2042	10.16 (.400)	7.62 (.300)
5	• 22-23-2051	• 22-11-2052	12.70 (.500)	10.16 (.400)
6	• 22-23-2061	• 22-11-2062	15.24 (.600)	12.70 (.500)
7	• 22-23-2071	• 22-11-2072	17.78 (.700)	15.24 (.600)
8	• 22-23-2081	• 22-11-2082	20.32 (.800)	17.78 (.700)
9	• 22-23-2091	• 22-11-2092	22.86 (.900)	20.32 (.800)
10	• 22-23-2101	• 22-11-2102	25.40 (1.000)	22.86 (.900)
11	• 22-23-2111	• 22-11-2112	27.94 (1.100)	25.40 (1.000)
12	• 22-23-2121	• 22-11-2122	30.48 (1.200)	27.94 (1.100)
13	• 22-23-2131	• 22-11-2132	33.02 (1.300)	30.48 (1.200)
14	• 22-23-2141	• 22-11-2142	35.56 (1.400)	33.02 (1.300)
15	• 22-23-2151	• 22-11-2152	38.10 (1.500)	35.56 (1.400)

Circuits	Order No.		Dimension	
	Tin	Gold	A	B
16	• 22-23-2161	• 22-11-2162	40.64 (1.600)	38.10 (1.500)
17	• 22-23-2171	• 22-11-2172	43.18 (1.700)	40.64 (1.600)
18	• 22-23-2181	• 22-11-2182	45.72 (1.800)	43.18 (1.700)
19	• 22-23-2191	• 22-11-2192	48.26 (1.900)	45.72 (1.800)
20	• 22-23-2201	• 22-11-2202	50.80 (2.000)	48.26 (1.900)
21	• 22-23-2211	• 22-11-2212	53.34 (2.100)	50.80 (2.000)
22	• 22-23-2221	• 22-11-2222	55.88 (2.200)	53.34 (2.100)
23	• 22-23-2231	• 22-11-2232	58.42 (2.300)	55.88 (2.200)
24	• 22-23-2241	• 22-11-2242	60.96 (2.400)	58.42 (2.300)
25	• 22-23-2251	• 22-11-2252	63.50 (2.500)	60.96 (2.400)
26	• 22-23-2261	• 22-11-2262	66.04 (2.600)	63.50 (2.500)
27	• 22-23-2271	• 22-11-2272	68.58 (2.700)	66.04 (2.600)
28	• 22-23-2281	• 22-11-2282	71.12 (2.800)	68.58 (2.700)

• US Standard Product, available through Molex franchised distributors

Note: Circuit 1 designation is used to orient the header to locate the voided circuit. Review mating connector to assure correct mating orientation.