

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 28 circuits
- 4094 with voids is 4494 Series
- 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, 7720 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

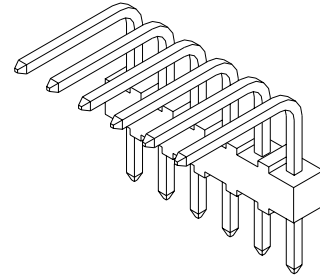
Housing: Red nylon, UL 94V-0
 Contact: Brass, 0.64mm (.025") square
 Plating: See Table
 Operating Temperature: 0 to +75°C

molex® 2.54mm (.100") Pitch
KK®

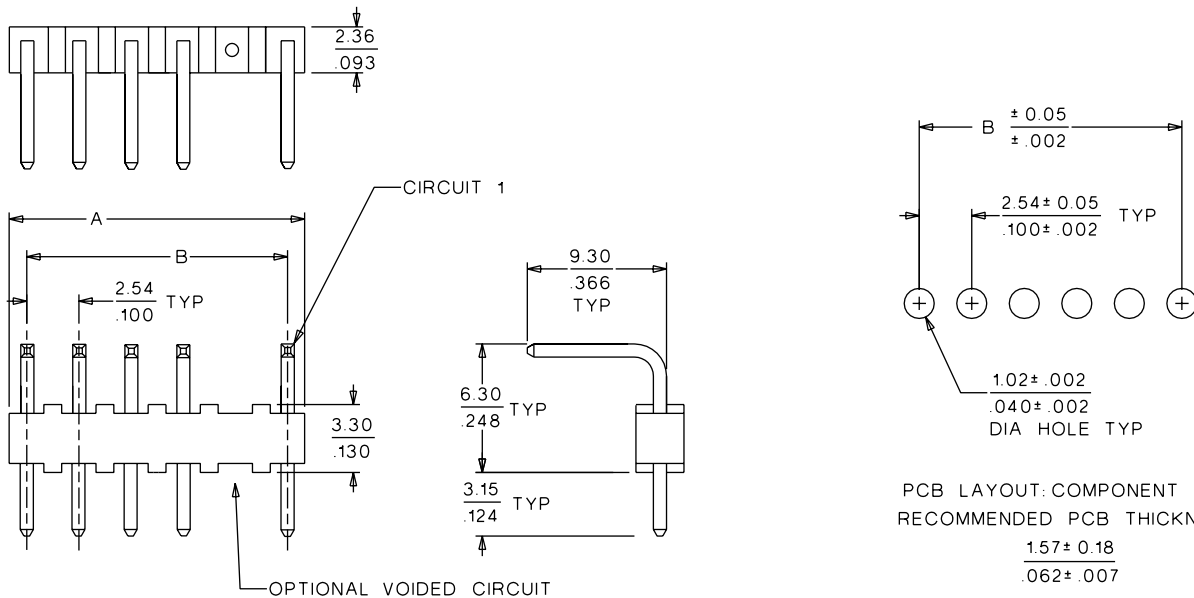
Solid Header

4094

Right Angle



CATALOG DRAWING (FOR REFERENCE ONLY)



PCB LAYOUT: COMPONENT SIDE
 RECOMMENDED PCB THICKNESS:

1.57 ± 0.18
 .062 ± .007

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.		Dimension	
	4094		A	B
	Tin	Gold		
2	• 22-05-2021	• 22-12-2021	4.83 (.190)	2.54 (.100)
3	• 22-05-2031	• 22-12-2031	7.37 (.290)	5.08 (.200)
4	• 22-05-2041	• 22-12-2041	9.91 (.390)	7.62 (.300)
5	• 22-05-2051	• 22-12-2051	12.45 (.490)	10.16 (.400)
6	• 22-05-2061	• 22-12-2061	14.99 (.590)	12.70 (.500)
7	• 22-05-2071	• 22-12-2071	17.53 (.690)	15.24 (.600)
8	• 22-05-2081	• 22-12-2081	20.07 (.790)	17.78 (.700)
9	• 22-05-2091	• 22-12-2091	22.61 (.890)	20.32 (.800)
10	• 22-05-2101	• 22-12-2101	25.15 (.990)	22.86 (.900)
11	• 22-05-2111	• 22-12-2111	27.69 (1.090)	25.40 (1.000)
12	• 22-05-2121	• 22-12-2121	30.23 (1.190)	27.94 (1.100)
13	• 22-05-2131	• 22-12-2131	32.77 (1.290)	30.48 (1.200)
14	• 22-05-2141	• 22-12-2141	35.31 (1.390)	33.02 (1.300)

Circuits	Order No.		Dimension	
	4094		A	B
	Tin	Gold		
15	• 22-05-2151	• 22-12-2151	37.85 (1.490)	35.56 (1.400)
16	• 22-05-2161	• 22-12-2161	40.39 (1.590)	38.10 (1.500)
17	• 22-05-2171	• 22-12-2171	42.93 (1.690)	40.64 (1.600)
18	• 22-05-2181	• 22-12-2181	45.47 (1.790)	43.18 (1.700)
19	• 22-05-2191	• 22-12-2191	48.01 (1.890)	45.72 (1.800)
20	• 22-05-2201	• 22-12-2201	50.55 (1.990)	48.26 (1.900)
21	• 22-05-2211	• 22-12-2211	53.09 (2.090)	50.80 (2.000)
22	• 22-05-2221	• 22-12-2221	55.63 (2.190)	53.34 (2.100)
23	• 22-05-2231	• 22-12-2231	58.17 (2.290)	55.88 (2.200)
24	• 22-05-2241	• 22-12-2241	60.71 (2.390)	58.42 (2.300)
25	• 22-05-2251	• 22-12-2251	63.25 (2.490)	60.96 (2.400)
28	• 22-05-2281	• 22-12-2281	70.87 (2.790)	68.58 (2.700)

• US Standard Product, available through Molex franchised distributors

Note: In the Far East the polyester product has different Engineering No. and Order No.