

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 20 circuits
- PC board locking hooks and standoffs

Reference Information

Product Specification: PS-10-07

Packaging: Tray

UL File No.: E29179

CSA File No.: LR19980

Mates With: 3022, 3094, 3202, 6494 and

0.64mm (.025") pins

Designed In: Millimeters

Electrical

Voltage: 250V

Current: 2.5A

Contact Resistance: 20mΩ max.

Dielectric Withstanding Voltage: 1500V AC

Insulation Resistance: 500K MΩ min.

Mechanical

Mating Force: 199g max.

Unmating Force: 57g min.

Normal Force: 300g

Durability: 50 cycles Gold and 25 cycles Tin

Physical

Housing: White nylon, UL 94V-0

Contact: Phosphor Bronze

Plating: 1.00μ (40μ") Tin/Lead and 2.00μ (80μ") Copper

min. or 0.50μ (20μ") Gold and 0.75μ (30μ") Nickel min.

Operating Temperature: 0 to +75°C



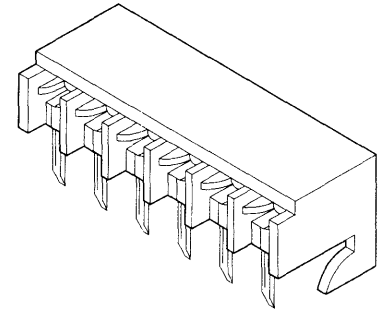
2.50mm (.098") Pitch

KK®

PC Board Connector

7534

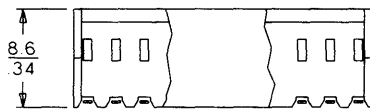
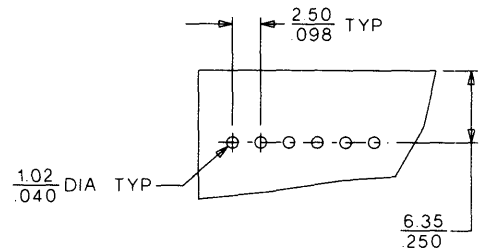
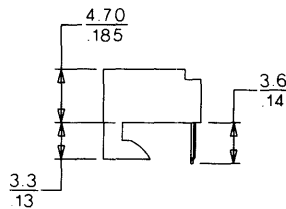
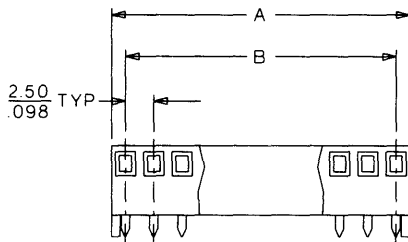
Right Angle



2.00 to 2.50mm (.079 to .098") Pitch

B

CATALOG DRAWING (FOR REFERENCE ONLY)



RECOMMENDED PCB LAYOUT

RECOMMENDED PCB THICKNESS: $\frac{1.58}{.062}$

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.		Dimension	
	Tin	Gold	A	B
2	22-02-1024	22-16-1023	4.94 (.194)	2.50 (.098)
3	22-02-1034	22-16-1033	7.44 (.293)	5.00 (.197)
4	22-02-1044	22-16-1043	9.94 (.392)	7.50 (.295)
5	22-02-1054	22-16-1053	12.44 (.490)	10.00 (.394)
6	22-02-1064	22-16-1063	14.94 (.589)	12.50 (.492)
7	22-02-1074	22-16-1073	17.44 (.687)	15.00 (.591)
8	22-02-1084	22-16-1083	19.94 (.785)	17.50 (.689)
9	22-02-1094	22-16-1093	22.44 (.884)	20.00 (.787)
10	22-02-1104	22-16-1103	24.94 (.982)	22.50 (.886)
11	22-02-1114	22-16-1113	27.44 (1.081)	25.00 (.984)

Circuits	Order No.		Dimension	
	Tin	Gold	A	B
12	22-02-1124	22-16-1123	29.94 (1.179)	27.50 (1.083)
13	22-02-1134	22-16-1133	32.44 (1.278)	30.00 (1.180)
14	22-02-1144	22-16-1143	34.94 (1.376)	32.50 (1.280)
15	22-02-1154	22-16-1153	37.44 (1.475)	35.00 (1.378)
16	22-02-1164	22-16-1163	39.94 (1.572)	37.50 (1.477)
17	22-02-1174	22-16-1173	42.44 (1.672)	40.00 (1.575)
18	22-02-1184	22-16-1183	44.94 (1.769)	42.50 (1.674)
19	22-02-1194	22-16-1193	47.44 (1.860)	45.00 (1.772)
20	22-02-1204	22-16-1203	49.94 (1.966)	47.50 (1.870)