

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 24 circuits available
- Optional voided circuits available
- Various pin lengths available (contact Molex)
- PCB edge mount only
- May be purchased in full 24 circuit sticks and broken into required circuit sizes
- Polarizing backwall prevents 180° mismatching between connector and header

Reference Information

Product Specification: PS-41186

Packaging: Bag

Tooling Information: See cutting tool section

UL File No.: E29179

CSA File No.: LR19980

TUV File No.: R75108

Mates With: [2139](#), [2145](#), [3069](#), [6442](#), [7674](#), [7675](#), [41695](#) and [41815](#)

Designed In: Inches

Electrical

Voltage: 250V

Current: 7.0A

Contact Resistance: 6mΩ max.

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 50K MΩ min.

Mechanical

Durability:

Tin—25 cycles max.

Gold—100 cycles max.

Physical

Housing: Black glass-filled polyester, UL 94V-0

Contact: Brass, 1.14mm (.045") square

Plating: See Table

Operating Temperature: 0 to +75°C



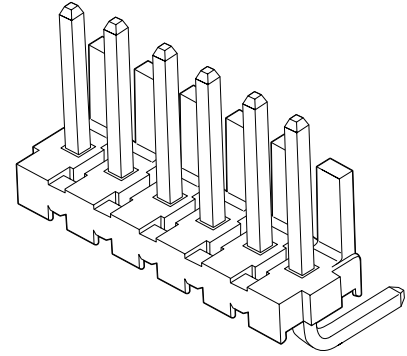
3.96mm (.156") Pitch

KK®

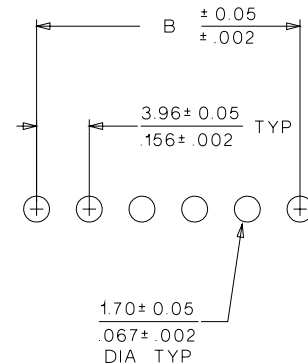
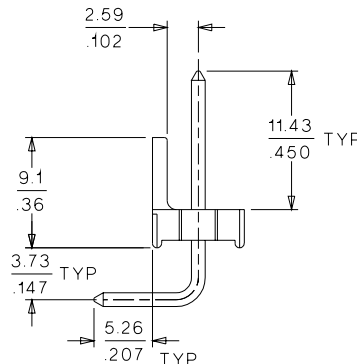
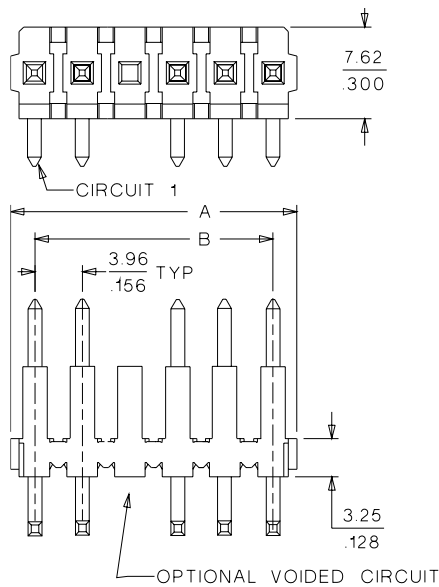
Breakaway Header

41682

**Right Angle
Polarizing Wall**



CATALOG DRAWING (FOR REFERENCE ONLY)



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS $\frac{1.57 \pm 0.18}{.062 \pm .007}$

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.				Dimension	
	Square Pin				A	B
	Tin	15μ" Select Gold	30μ" Select Gold	Overall Gold		
2	26-48-1024	41682-0001	41682-0024	26-48-2024	6.78 (.267)	3.96 (.156)
3	26-48-1034	41682-0002	41682-0025	26-48-2034	10.74 (.423)	7.92 (.312)
4	26-48-1044	41682-0003	41682-0026	26-48-2044	14.71 (.579)	11.89 (.468)
5	26-48-1054	41682-0004	41682-0027	26-48-2054	18.67 (.735)	15.85 (.624)
6	26-48-1064	41682-0005	41682-0028	26-48-2064	22.63 (.891)	19.81 (.780)
7	26-48-1074	41682-0006	41682-0029	26-48-2074	26.59 (1.047)	23.77 (.936)
8	26-48-1084	41682-0007	41682-0030	26-48-2084	30.56 (1.203)	27.74 (1.092)
9	26-48-1094	41682-0008	41682-0031	26-48-2094	34.52 (1.359)	31.71 (1.248)
10	26-48-1104	41682-0009	41682-0032	26-48-2104	38.48 (1.515)	35.66 (1.404)
11	26-48-1114	41682-0010	41682-0033	26-48-2114	42.44 (1.671)	39.62 (1.560)
12	26-48-1124	41682-0011	41682-0034	26-48-2124	46.41 (1.827)	43.59 (1.716)
13	26-48-1134	41682-0012	41682-0035	26-48-2134	50.37 (1.983)	47.55 (1.872)

Circuit number designation is for ordering purposes only, check corresponding circuit designation on mating connector

Circuits	Order No.				Dimension	
	Square Pin				A	B
	Tin	15μ" Select Gold	30μ" Select Gold	Overall Gold		
14	26-48-1144	41682-0013	41682-0036	26-48-2144	54.33 (2.139)	51.51 (2.028)
15	26-48-1154	41682-0014	41682-0037	26-48-2154	58.29 (2.295)	55.47 (2.184)
16	26-48-1164	41682-0015	41682-0038	26-48-2164	62.26 (2.451)	59.44 (2.340)
17	26-48-1174	41682-0016	41682-0039	26-48-2174	66.22 (2.607)	63.40 (2.496)
18	26-48-1184	41682-0017	41682-0040	26-48-2184	70.18 (2.763)	67.36 (2.652)
19	26-48-1194	41682-0018	41682-0041	26-48-2194	74.14 (2.919)	71.32 (2.808)
20	26-48-1204	41682-0019	41682-0042	26-48-2204	78.11 (3.075)	75.29 (2.964)
21	26-48-1214	41682-0020	41682-0043	26-48-2214	82.07 (3.231)	79.25 (3.120)
22	26-48-1224	41682-0021	41682-0044	26-48-2224	86.03 (3.387)	83.21 (3.276)
23	26-48-1234	41682-0022	41682-0045	26-48-2234	89.94 (3.541)	87.17 (3.432)
24	26-48-1244	41682-0023	41682-0046	26-48-2244	93.85 (3.695)	91.14 (3.588)

3.00 to 7.92mm (.118 to .312") Pitch