

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

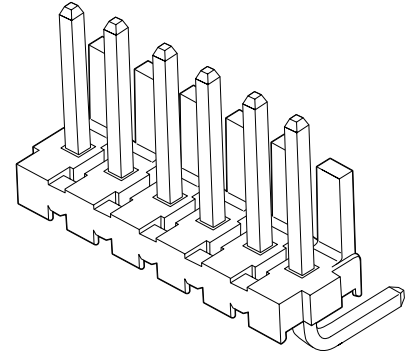
Operating Temperature: 0 to +75°C

molex® **3.96mm (.156") Pitch**
KK®

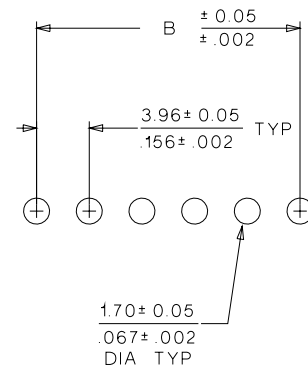
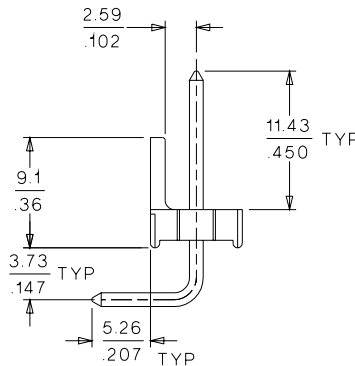
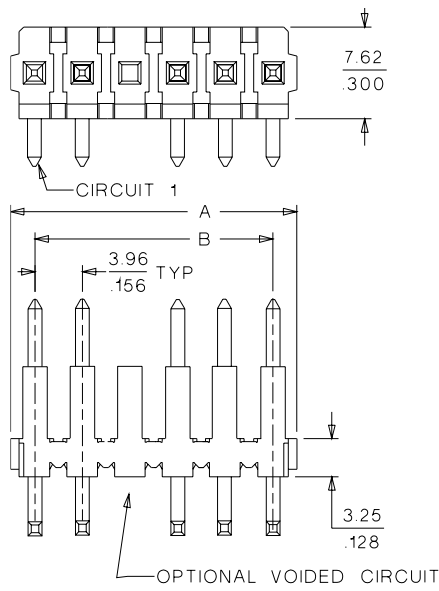
Breakaway Header

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	
	Tin	15μ" Select Gold	30μ" Select Gold	Overall Gold	A	B
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	
	Tin	15μ" Select Gold	30μ" Select Gold	Overall Gold	A	B
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)

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