

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 24 circuits available
- Optional voided circuits available
- Various pin lengths available (contact factory)
- 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: Bulk

Tooling Information: See page J-206

UL File No.: E29179

CSA File No.: LR19980

TUV File No.: R75108

Designed In: Inches

Electrical

Voltage: 250V AC max.

Current: 7.0A*

Contact Resistance: 6mΩ max.

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 50K MΩ min.

Physical

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

Contact: Brass

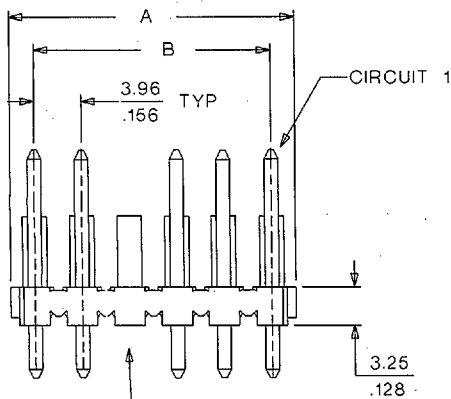
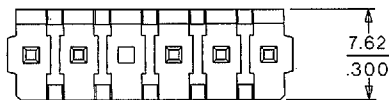
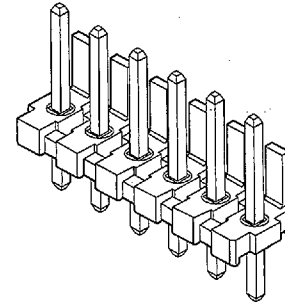
Plating: See Table

Temperature: 0 to +75°C

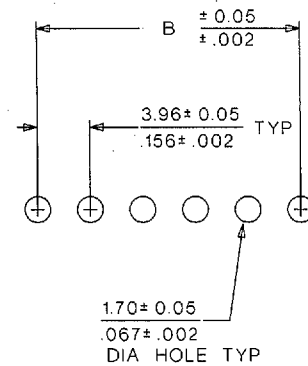
molex® 3.96mm (.156") Pitch Breakaway Header

41681/41721

Straight Polarizing Wall



OPTIONAL VOIDED CIRCUIT



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		Round Pin		A	B
	Tin	Gold	Tin	Gold		
2	26-48-1023	26-48-2023	26-51-0023	26-51-2023	6.78/7.87 (2.67/.310)	3.96 (.156)
3	26-48-1033	26-48-2033	26-51-0033	26-51-2033	10.74/11.84 (.423/.466)	7.92 (.312)
4	26-48-1043	26-48-2043	26-51-0043	26-51-2043	14.71/15.80 (.579/.622)	11.89 (.468)
5	26-48-1053	26-48-2053	26-51-0053	26-51-2053	18.67/19.76 (.735/.778)	15.85 (.624)
6	26-48-1063	26-48-2063	26-51-0063	26-51-2063	22.63/23.72 (.891/.934)	19.81 (.780)
7	26-48-1073	26-48-2073	26-51-0073	26-51-2073	26.59/27.69 (1.047/1.090)	23.77 (.936)
8	26-48-1083	26-48-2083	26-51-0083	26-51-2083	30.56/31.65 (1.203/1.246)	27.74 (1.092)
9	26-48-1093	26-48-2093	26-51-0093	26-51-2093	34.52/35.61 (1.359/1.402)	31.70 (1.248)
10	26-48-1103	26-48-2103	26-51-0103	26-51-2103	38.48/39.57 (1.515/1.558)	35.66 (1.404)
11	26-48-1113	26-48-2113	26-51-0113	26-51-2113	42.44/43.54 (1.671/1.714)	39.62 (1.560)
12	26-48-1123	26-48-2123	26-51-0123	26-51-2123	46.41/47.50 (1.827/1.870)	43.59 (1.716)
13	26-48-1133	26-48-2133	26-51-0133	26-51-2133	50.37/51.46 (1.983/2.026)	47.55 (1.872)

Circuits	Order No.				Dimension	
	Square Pin		Round Pin		A	B
	Tin	Gold	Tin	Gold		
14	26-48-1143	26-48-2143	26-51-0143	26-51-2143	54.33/55.42 (2.139/2.182)	51.51 (2.028)
15	26-48-1153	26-48-2153	26-51-0153	26-51-2153	58.29/59.39 (2.295/2.338)	55.47 (2.184)
16	26-48-1163	26-48-2163	26-51-0163	26-51-2163	62.26/63.35 (2.451/2.494)	59.44 (2.340)
17	26-48-1173	26-48-2173	26-51-0173	26-51-2173	66.22/67.31 (2.607/2.650)	63.40 (2.496)
18	26-48-1183	26-48-2183	26-51-0183	26-51-2183	70.18/71.27 (2.763/2.806)	67.36 (2.652)
19	26-48-1193	26-48-2193	26-51-0193	26-51-2193	74.14/75.23 (2.919/2.962)	71.32 (2.808)
20	26-48-1203	26-48-2203	26-51-0203	26-51-2203	78.11/79.20 (3.075/3.118)	75.29 (2.964)
21	26-48-1213	26-48-2213	26-51-0213	26-51-2213	82.07/83.16 (3.231/3.274)	79.25 (3.120)
22	26-48-1223	26-48-2223	26-51-0223	26-51-2223	86.03/87.12 (3.387/3.430)	83.21 (3.276)
23	26-48-1233	26-48-2233	26-51-0233	26-51-2233	89.94/91.08 (3.541/3.586)	87.17 (3.432)
24	26-48-1243	26-48-2243	26-51-0243	26-51-2243	93.85/95.00 (3.695/3.740)	91.14 (3.588)

* US Standard Product, available through Molex franchised distributors

* Dependent upon connector and PC board

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