

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 28 circuits
- 4030 with voids is 4380 Series
- Various pin lengths available

### Reference Information

Product Specification: PS-10-07

Packaging: Bag

UL File No.: E29179

CSA File No.: LR19980

Mates With: 2695, 4455, 6471, 7720, 7880 and 40555

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: 4030—Red nylon, UL 94V-0

42152—White glass-filled nylon, UL 94V-0

Contact: Brass, 0.64mm (.025") square

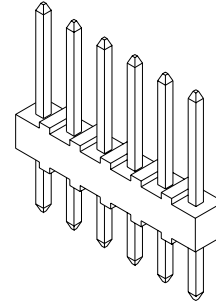
Plating: See Table

Temperature: 0 to +75°C

**molex®** 2.54mm (.100") Pitch  
**KK®**  
**Solid Header**

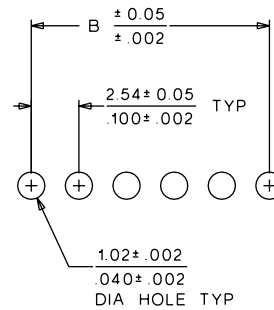
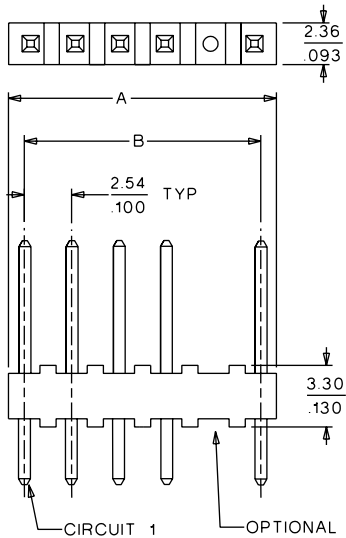
**4030/42152**

**Vertical**



PCB and Wire Connectors

J



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS:

1.57 ± 0.18  
.062 ± .007

Note: 4030 shown

## ORDERING INFORMATION AND DIMENSIONS

| Cir-<br>cuits | Order No.  |            |            |            |             | Dimension     |               |
|---------------|------------|------------|------------|------------|-------------|---------------|---------------|
|               | 4030       |            | 42152      |            |             | A             | B             |
|               | Tin        | Gold       | Tin        | Gold       | Select Gold |               |               |
| 2             | 22-03-2021 | 22-10-2021 | 22-66-2020 | 22-66-3020 | 22-10-7028  | 4.83 (.190)   | 2.54 (.100)   |
| 3             | 22-03-2031 | 22-10-2031 | 22-66-2030 | 22-66-3030 | 22-10-7038  | 7.37 (.290)   | 5.08 (.200)   |
| 4             | 22-03-2041 | 22-10-2041 | 22-66-2040 | 22-66-3040 | 22-10-7048  | 9.91 (.390)   | 7.62 (.300)   |
| 5             | 22-03-2051 | 22-10-2051 | 22-66-2050 | 22-66-3050 | 22-10-7058  | 12.45 (.490)  | 10.16 (.400)  |
| 6             | 22-03-2061 | 22-10-2061 | 22-66-2060 | 22-66-3060 | 22-10-7068  | 14.99 (.590)  | 12.70 (.500)  |
| 7             | 22-03-2071 | 22-10-2071 | 22-66-2070 | 22-66-3070 | 22-10-7078  | 17.53 (.690)  | 15.24 (.600)  |
| 8             | 22-03-2081 | 22-10-2081 | 22-66-2080 | 22-66-3080 | 22-10-7088  | 20.07 (.790)  | 17.78 (.700)  |
| 9             | 22-03-2091 | 22-10-2091 | 22-66-2090 | 22-66-3090 | 22-10-7098  | 22.61 (.890)  | 20.32 (.800)  |
| 10            | 22-03-2101 | 22-10-2101 | 22-66-2100 | 22-66-3100 | 22-10-7108  | 25.15 (.990)  | 22.86 (.900)  |
| 11            | 22-03-2111 | 22-10-2111 | 22-66-2110 | 22-66-3110 | 22-10-7118  | 27.69 (1.090) | 25.40 (1.000) |
| 12            | 22-03-2121 | 22-10-2121 | 22-66-2120 | 22-66-3120 | 22-10-7128  | 30.23 (1.190) | 27.94 (1.100) |
| 13            | 22-03-2131 | 22-10-2131 | 22-66-2130 | 22-66-3130 | 22-10-7138  | 32.77 (1.290) | 30.48 (1.200) |
| 14            | 22-03-2141 | 22-10-2141 | 22-66-2140 | 22-66-3140 | 22-10-7148  | 35.31 (1.390) | 33.02 (1.300) |

• US Standard Product, available through Molex franchised distributors

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

| Cir-<br>cuits | Order No.  |            |            |            |             | Dimension     |               |
|---------------|------------|------------|------------|------------|-------------|---------------|---------------|
|               | 4030       |            | 42152      |            |             | A             | B             |
|               | Tin        | Gold       | Tin        | Gold       | Select Gold |               |               |
| 15            | 22-03-2151 | 22-10-2151 | 22-66-2150 | 22-66-3150 | 22-10-7158  | 37.85 (1.490) | 35.56 (1.400) |
| 16            | 22-03-2161 | 22-10-2161 | 22-66-2160 | 22-66-3160 | 22-10-7168  | 40.39 (1.590) | 38.10 (1.500) |
| 17            | 22-03-2171 | 22-10-2171 | 22-66-2170 | 22-66-3170 | 22-10-7178  | 42.93 (1.690) | 40.64 (1.600) |
| 18            | 22-03-2181 | 22-10-2181 | 22-66-2180 | 22-66-3180 | 22-10-7188  | 45.47 (1.790) | 43.18 (1.700) |
| 19            | 22-03-2191 | 22-10-2191 | 22-66-2190 | 22-66-3190 | 22-10-7198  | 48.01 (1.890) | 45.72 (1.800) |
| 20            | 22-03-2201 | 22-10-2201 | 22-66-2200 | 22-66-3200 | 22-10-7208  | 50.55 (1.990) | 48.26 (1.900) |
| 21            | 22-03-2211 | 22-10-2211 | 22-66-2210 | 22-66-3210 | 22-10-7218  | 53.09 (2.090) | 50.80 (2.000) |
| 22            | 22-03-2221 | 22-10-2221 | 22-66-2220 | 22-66-3220 | 22-10-7228  | 55.63 (2.190) | 53.34 (2.100) |
| 23            | 22-03-2231 | 22-10-2231 | 22-66-2230 | 22-66-3230 | 22-10-7238  | 58.17 (2.290) | 55.88 (2.200) |
| 24            | 22-03-2241 | 22-10-2241 | 22-66-2240 | 22-66-3240 | 22-10-7248  | 60.71 (2.390) | 58.42 (2.300) |
| 25            | 22-03-2251 | 22-10-2251 | 22-66-2250 | 22-66-3250 | 22-10-7258  | 63.25 (2.490) | 60.96 (2.400) |
| 26            | 22-03-2261 | 22-10-2261 | 22-66-2260 | 22-66-3260 | 22-10-7268  | 65.79 (2.590) | 63.50 (2.500) |
| 27            | 22-03-2271 | 22-10-2271 | 22-66-2270 | 22-66-3270 | 22-10-7278  | 68.33 (2.690) | 66.04 (2.600) |
| 28            | 22-03-2281 | 22-10-2281 | 22-66-2280 | 22-66-3280 | 22-10-7288  | 70.87 (2.790) | 68.58 (2.700) |