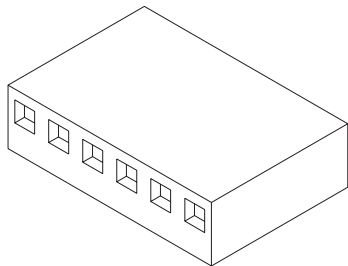


2.54mm (.100") Pitch KK® Crimp Terminal Housing

2695/6471



Features and Benefits

- Sizes 1 to 25 circuits
- 6471 is end-to-end stackable (2 housings only)
- 2695 version with or without locking ramp and polarizing ribs

Reference Information

Product Specification: PS-10-07
 Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: Molex KK 2.54mm (.100") pitch headers and 0.04mm (.025") pins
 Use With: 2695—2759, 6459 or 41572 terminals
 6471—4809 terminals
 Designed In: Inches

Electrical*

Voltage: 250V
 Current: Phosphor Bronze—4.0A max.
 Brass—2.5A max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 50K Megohms min.

Mechanical*

Contact Insertion Force: 681g (1.5 lb) max.
 Contact Retention to Housing: 3.63kg (8 lb) min.
 Mating Force: 199g max.
 Unmating Force: 57g min.
 Normal Force: 200g min.

Physical

Housing: Nylon, UL 94V-0
 Operating Temperature: 0 to +75°C

| Circuits | Order No. | | | |
|----------|----------------------------|---------------------------------------|------------------------------|--|
| | 2695 | | 6471 | |
| | With Locking Ramp | With Locking Ramp and Polarizing Ribs | Without Locking Ramp or Ribs | With Locking Ramp and Polarizing Ribs [†] |
| 1 | | | 22-01-2011 | |
| 2 | 22-01-2027 | 22-01-3027 | 22-01-2021 | 22-01-2025 |
| 3 | 22-01-2037 | 22-01-3037 | 22-01-2031 | 22-01-2035 |
| 4 | 22-01-2047 | 22-01-3047 | 22-01-2041 | 22-01-2045 |
| 5 | 22-01-2057 | 22-01-3057 | 22-01-2051 | 22-01-2055 |
| 6 | 22-01-2067 | 22-01-3067 | 22-01-2061 | 22-01-2065 |
| 7 | 22-01-2077 | 22-01-3077 | 22-01-2071 | 22-01-2075 |
| 8 | 22-01-2087 | 22-01-3087 | 22-01-2081 | 22-01-2085 |
| 9 | 22-01-2097 | 22-01-3097 | 22-01-2091 | 22-01-2095 |
| 10 | 22-01-2107 | 22-01-3107 | 22-01-2101 | 22-01-2105 |
| 11 | 22-01-2117 | 22-01-3117 | 22-01-2111 | 22-01-2115 |
| 12 | 22-01-2127 | 22-01-3127 | 22-01-2121 | 22-01-2125 |
| 13 | 22-01-2137 | 22-01-3137 | 22-01-2131 | 22-01-2135 |

Note: When mating polarizing rib version with breakaway friction lock header or polarizing wall series, the end friction lock or polarizing wall of header must be removed

* When mated with Molex product only

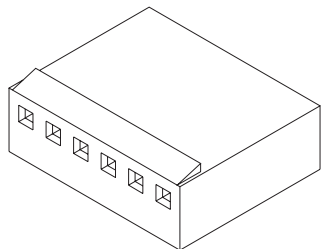
[†] For circuits 19-28, contact Molex

| Circuits | Order No. | | | |
|----------|----------------------------|---------------------------------------|------------------------------|--|
| | 2695 | | 6471 | |
| | With Locking Ramp | With Locking Ramp and Polarizing Ribs | Without Locking Ramp or Ribs | With Locking Ramp and Polarizing Ribs [†] |
| 14 | 22-01-2147 | 22-01-3147 | 22-01-2141 | 22-01-2145 |
| 15 | 22-01-2157 | 22-01-3157 | 22-01-2151 | 22-01-2155 |
| 16 | 22-01-2167 | 22-01-3167 | 22-01-2161 | 22-01-2165 |
| 17 | 22-01-2177 | 22-01-3177 | 22-01-2171 | 22-01-2175 |
| 18 | 22-01-2187 | 22-01-3187 | 22-01-2181 | 22-01-2185 |
| 19 | 22-01-2197 | 22-01-3197 | 22-01-2191 | |
| 20 | 22-01-2207 | 22-01-3207 | 22-01-2201 | |
| 21 | 22-01-2217 | 22-01-3217 | 22-01-2211 | |
| 22 | 22-01-2227 | 22-01-3227 | 22-01-2221 | |
| 23 | 22-01-2237 | 22-01-3237 | 22-01-2231 | |
| 24 | 22-01-2247 | 22-01-3247 | 22-01-2241 | |
| 25 | 22-01-2257 | 22-01-3257 | 22-01-2251 | |

| | Order No. |
|----------------|----------------------------|
| Polarizing Key | 15-04-9209 |
| Polarizing Peg | 15-04-9210 |

2.54mm (.100") Pitch KK® Crimp Terminal Housing

7880 High Pressure



Features and Benefits

- Sizes 1 to 28 circuits
- Standard with locking ramp
- Suitable for high vibration requirements

Reference Information

Product Specification: PS-7879
 Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: Molex KK 2.54mm (.100") pitch headers
 Use With: 7879 terminals
 Designed In: Inches

Electrical*

Voltage: 250V
 Current: 2.5A
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 500K Megohms min.

Mechanical*

Contact Insertion Force: 1.5 lb max.
 Contact Retention to Housing: 8 lb min.
 Mating Force: 475g max.
 Unmating Force: 100g min.
 Normal Force: 430g min.

Physical

Housing: Nylon, UL 94V-0
 Operating Temperature: -0 to +75°C

| Circuits | Order No. |
|----------|----------------------------|
| 1 | 10-11-2013 |
| 2 | 10-11-2023 |
| 3 | 10-11-2033 |
| 4 | 10-11-2043 |
| 5 | 10-11-2053 |
| 6 | 10-11-2063 |
| 7 | 10-11-2073 |
| 8 | 10-11-2083 |
| 9 | 10-11-2093 |
| 10 | 10-11-2103 |

| Circuits | Order No. |
|----------|----------------------------|
| 11 | 10-11-2113 |
| 12 | 10-11-2123 |
| 13 | 10-11-2133 |
| 14 | 10-11-2143 |
| 15 | 10-11-2153 |
| 16 | 10-11-2163 |
| 17 | 10-11-2173 |
| 18 | 10-11-2183 |
| 19 | 10-11-2193 |

| Circuits | Order No. |
|----------|----------------------------|
| 20 | 10-11-2203 |
| 21 | 10-11-2213 |
| 22 | 10-11-2223 |
| 23 | 10-11-2233 |
| 24 | 10-11-2243 |
| 25 | 10-11-2253 |
| 26 | 10-11-2263 |
| 27 | 10-11-2273 |
| 28 | 10-11-2283 |

* When mated with Molex product only

Note: In the Far East this housing has a different Engineering Series No. and different Order No.