

FEATURES AND SPECIFICATIONS

Reliable terminations for high-temperature applications. Extreme thermal environments for electrical and electronic circuitry demand Molex TEMP-TERMS. Their consistent, high quality and rugged reliability assure your product's proper performance even at temperatures up to 1200° F (649° C). TEMP-TERMS are designed and value-engineered for three different high ambient temperature ranges: 650° F, 900° F and 1200° F (343° C, 483° C and 649° C, respectively). The terminals and splices in each range are fabricated from different materials to obtain maximum thermal performance at optimum initial and installed costs.

**molex® Temp-Terms™
Ring Tongue Terminals**

650° Temp-Terms (343° C)



VERSAKRIMP™
Operating conditions in this maximum temperature range calls for Molex 650° TEMP-TERMS terminals and splices. Both terminals and splices are constructed of nickelplated copper and are available in the VERSAKRIMP barrel style.

900° Temp-Terms (483° C)



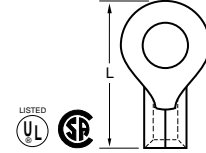
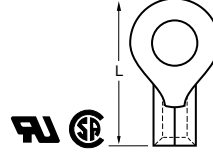
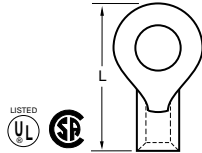
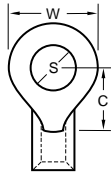
Molex also offers a line of terminals designed to perform satisfactorily in ambient operating temperature ranges up to 900° F (483° C). These nickel-plated, steel alloy products are available in the butted seam, KRIMPTITE® barrel style. Ring tongue terminals cover the 22 through 10 AWG wire ranges to provide reliable performance time after time even in these hostile temperature environments.

1200° Temp-Terms (649° C)



The ultimate in thermal reliability is afforded by the Molex 1200° TEMP-TERMS. The ring tongue terminals, which are fabricated from pure nickel, cover the 22 through 10 AWG wire range. These terminals have the butted seam KRIMPTITE® barrel.

**Temp-Terms™
Ring Tongue Terminals**



| Basic Dimensions | | | | 650° (343° C) Versakrimp™ (Nickel Plated Copper) | | | 900° (483° C) Krimptite® (Nickel Plated Steel) | | | 1200° (649° C) Krimptite® (Pure Nickel) | | |
|---------------------|-------------|--------------|------------------|--|----------------------|---------------|--|----------------------|---------------|---|----------------------|---------------|
| Wire Range | Stud Size | Max. Width W | Min. Clearance C | Loose Piece Order No. | Mylar Tape Order No. | Max. Length L | Loose Piece Order No. | Mylar Tape Order No. | Max. Length L | Loose Piece Order No. | Mylar Tape Order No. | Max. Length L |
| 22-18 0.3-1.0mm² | 5-6 (3-3.5) | .264 (6.7) | .240 (6.1) | | | | 19203-0145 | 19203-0011 | .660 (16.8) | | | |
| | 8 (4) | .264 (6.7) | .240 (6.1) | | | | 19203-0146 | 19203-0014 | .660 (16.8) | | | |
| | 10 (-) | .283 (7.2) | .240 (6.1) | | | | 19203-0015 | 19203-0016 | .670 (17.0) | 19203-0034 | 19203-0035 | .591 (15.0) |
| | 1/4 (6) | .477 (12.1) | .386 (9.8) | | | | 19203-0144 | 19203-0005 | .914 (23.2) | | | |
| 16-14 1.2-2.0mm² | 5-6 (3-3.5) | .260 (6.6) | .209 (5.3) | | | | 19203-0042 | 19203-0043 | .639 (16.2) | 19203-0077 | 19203-0078 | .560 (14.2) |
| | 5-6 (3-3.5) | .322 (8.2) | .275 (7.0) | | | | 19203-0047 | 19203-0048 | .725 (18.4) | | | |
| | 8 (4) | .322 (8.2) | .275 (7.0) | | | | 19203-0049 | 19203-0050 | .725 (18.4) | 19203-0083 | 19203-0084 | .640 (16.3) |
| | 10 (-) | .322 (8.2) | .275 (7.0) | 19203-0063 | 19203-0064 | .640 (16.3) | 19203-0051 | 19203-0052 | .725 (18.4) | 19203-0085 | 19203-0086 | .640 (16.3) |
| | 1/4 (6) | .447 (12.1) | .388 (9.9) | 19203-0148 | 19203-0058 | .837 (21.2) | 19203-0044 | 19203-0045 | .916 (23.3) | | | |
| 12-10 3.0-6.0mm² | 5-6 (3-3.5) | .385 (9.8) | .303 (7.7) | | | | 19203-0091 | 19203-0092 | .785 (19.9) | | | |
| | 8 (4) | .385 (9.8) | .303 (7.7) | 19203-0156 | 19203-0098 | .785 (19.9) | 19203-0151 | | .785 (19.9) | | | |
| | 10 (-) | .385 (9.8) | .303 (7.7) | 19203-0099 | 19203-0100 | .785 (19.9) | 19203-0093 | 19203-0094 | .785 (19.9) | 19203-0113 | 19203-0114 | .785 (19.9) |
| | 1/4 (6) | .540 (13.7) | .393 (10.0) | 19203-0182 | 19203-0101 | .952 (24.2) | 19203-0152 | 19203-0095 | .952 (24.2) | | | |
| | 5/16 (8) | .540 (13.7) | .393 (10.0) | | | | 19203-0153 | 19203-0096 | .952 (24.2) | | | |
| | 3/8 (9) | .598 (15.2) | .566 (14.4) | 19203-0158 | 19203-0103 | 1.056 (26.8) | | | | | | |

IMPORTANT: The 650° TEMP-TERMS cataloged above represent only the more popular terminals and splices in the 22 through 10 AWG wire ranges. Other 650° TEMP-TERMS are available. Contact your Molex Customer Service Representative for more information.

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