

SOLISTRAND, Uninsulated Terminals and Splices

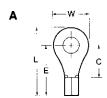
Electronics

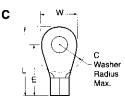
Ring Tongue Terminals

Material and Finish:

Terminal Body — Copper per ASTM B-152

Plating — Tin per MIL-T-10727





Military Specification M7928/7

| Wire Size Circular Mils [mm²] | Stud Size | Style | Dimensions | | | | Material | Wire Barrel | | M7928/7 | Part |
|-------------------------------------|--------------|-------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|----------------------|-------|----------------|--------------------|
| | | | L Max. | E Max. | C Min. | W | Thickness Max. | I.D. Min. | Class | Dash Number | Number |
| 22–16 509–3,260 [0.26–1.65] | 2 M2 | Α | . 449 11.40 | . 337 8.56 | . 156 3.96 | .218 5.54 | . 033 0.84 | ,061 1.55 | 2 | 1 | 34103 2-34103- |
| | 4 | Α | . 449 11.40 | . 337 8.56 | . 156 3.96 | .218 5.54 | . 033 0.84 | .061 1.55 | 2 | 2 | 34104* 2-34104- |
| | 6 M3.5 | A | .621 15.77 | . 462 11.73 | .281 7.14 | .312 7.92 | . 033 0.84 | . 061 1.55 | 2 | 3 | 34110° 2-34110- |
| | 10 | Α | . 621 15.77 | . 462 11.73 | .281 7.14 | .312 7.92 | . 033 0.84 | .061 1.55 | 2 | 4 | 34112 2-34112 |
| | 5/16 M8 | Α | .856 21.74 | .618 15.70 | .437 11.10 | .469 11.91 | .033 0.84 | . 061 1.55 | 2 | 5 | 34114 2-34114 |
| | 3/8 | Α | .995 25.27 | .727 18.47 | . 546 13.87 | . 531 13.49 | . 033 0.84 | .061 1.55 | 2 | 6 | 34115 2-34115 |
| 16–14 2,050–5,180 [1.04–2.62] | 4 | Α | .480 12.19 | . 352 8.94 | . 171 4.34 | .250 6.35 | . 033 0.84 | .085 2.16 | 2 | 11 | 34119 2-34119 |
| | 6 M3.5 | - A | . 590 14.99 | .431 10.95 | . 250 6.35 | . 312 7.92 | . 033 0.84 | .085 2.16 | 2 | 7 | 321684 2-321684 |
| | 10 | Α | .669 16.99 | .510 12.95 | .250 6.35 | . 312 7.92 | . 033 0.84 | . 085 2.16 | 1 & 2 | 8 | 320093 2-320093 |
| | 5/16 M8 | А | . 855 21.72 | .618 15.70 | . 437 11.10 | .469 11.91 | .033 0.84 | .085 2.16 | 2 | 9 | 34125 2-34125 |
| | 3/8 | Α | . 995 25.27 | . 727 18.47 | .546 13.87 | . 531 13.49 | . 033 0.84 | .085 2.16 | 2 | 10 | 34126 2-34126 |

Note: Part numbers are shown as loose piece over tape mounted product.
* Part numbers are available in small quantity packages.

Military Specification MS20659

| Wire Size Circular Mils [mm²] | Stud Size | Style | Dimensions | | | | Material | Wire Barrel | | MS20659 | Part |
|--------------------------------------|--------------|-------|------------------------|-----------------------|-----------------------|-----------------------|----------------------|----------------------|------------|----------------|------------------------------|
| | | | L Max. | E Max. | С | W | Thickness Max. | I.D. Min. | Class | Dash Number | Number |
| 12–10 5,180–13,100 [2.62–6.64] | 6 M3.5 | Α | .630 16.00 | .487 12.37 | .219 5.56 | .281 7.14 | .042 1.07 | . 129 3.28 | 2 | 165 | 35476* 2-35476-1 |
| | 10 | Α | . 765 19.43 | .575 14.61 | . 302 7.67 | .375 9.53 | .042 1.07 | .129 3.28 | 1 & 2 2 | 105 | 33457* 2-33457-2 |
| | 5/16 M8 | Α | 1 .004 25.50 | . 736 18.69 | . 468 11.89 | .531 13.49 | .042 1.07 | . 129 3.28 | 1 & 2 2 | 106 | 33459* 2-33459-6 |
| | 3/8 | А | 1.098 27.89 | . 799 20.29 | .531 13.49 | .593 15.06 | .042 1.07 | . 129 3.28 | 1 & 2 | 128 | 33220* |
| | 1/2 M12 | Α | 1.271 32.28 | . 893 22.68 | . 625 15.88 | .750 19.05 | .042 1.07 | . 129 3.28 | 2 | 166 | 35135 |
| 8 13,100–20,800 [6.64–10.5] | 8 M4 | С | .949 24.10 | . 743 18.87 | .359 9.12 | .406 10.31 | .051 1.30 | . 172 4.37 | 2 | 140 | 324061* |
| | 10 | С | .949 24.10 | . 743 18.87 | . 359 9.12 | .406 10.31 | 0.51 1.30 | . 172 4.37 | 2 | 107 | 31807 2-31807-2 |
| | 1/4 M6 | С | .933 23.70 | .696 17.68 | .359 9.12 | .469 11.91 | . 051 1.30 | . 172 4.37 | 2 | 141 | 33461* 2-33461-2 |
| | 5/16 M8 | Α | 1.074 27.28 | . 790 20.07 | .406 10.31 | .562 14.27 | . 051 1.30 | . 172 4.37 | 2 | 108 | 31808* |
| | 3/8 | A | 1.168 29.67 | .868 22.05 | . 531 13.49 | .594 15.09 | .051 1.30 | . 172 4.37 | 2 | 129 | 33463* |
| 6 20,800–33,100 [10.5–16.8] | 10 | С | 1.168 29.67 | . 931 23.65 | .531 13.49 | . 468 11.89 | .060 1.52 | .232 5.89 | 2 | 130 | 321298* |
| | 1/4 M6 | С | 1.168 29.67 | .931 23.65 | .531 13.49 | .468 11.89 | . 060 1.52 | .232 5.89 | 2 | 109 | 321598* |
| | 5/16 M8 | С | 1.246 31.65 | .931 23.65 | . 531 13.49 | .625 15.88 | . 060 1.52 | .232 5.89 | 2 | 131 | 33466* 2-33466 - 3 |
| | 3/8 | С | 1.246 31.65 | . 931 23.65 | .531 13.49 | .625 15.88 | . 060 1.52 | .232 5.89 | 2 | 110 | 33467* |
| | 1/2 M12 | С | 1.840 46.74 | 1.400 35.56 | 1.000 25.40 | . 875 22.23 | .060 1.52 | .232 5.89 | 2 | 143 | 320344* |

Note: Part numbers are shown as loose piece over tape mounted product.

Part numbers are available in small quantity packages.
 Requires a 69875 standard AMP-TAPETRONIC machine for application.
 Requires a 68250-1 Heavy Duty AMP-TAPETRONIC machine for application.

Dimensions are in inches and

9006

Catalog 1308940 Revised 5-03

millimeters unless otherwise specified. Values in brackets are metric equivalents. www.tycoelectronics.com

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-5-729-0425 South America: 55-11-3611-1514 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-141-810-8967