

Terminals and Splices



**PIDG® (Pre-insulated Diamond Grip) Terminals.** These terminals feature color-coded nylon sleeves, funnel ramp entry, serrated inner barrel, a copper sleeve over the barrel, and tin-plated terminals for corrosion resistance. Terminals meet or

**Ring Tongue Terminals (Fig. A)**  
Nylon insulation, tin-plated copper terminals.

| AWG 26-22 (Yellow) |             |           |                            |            |           |              |       |       |
|--------------------|-------------|-----------|----------------------------|------------|-----------|--------------|-------|-------|
| Stock No.          | Mfr.'s Type | Stud Size | Insulation Max. Dia. (In.) | Length In. | Width In. | PER PKG./100 |       |       |
|                    |             |           |                            |            |           | 1-4          | 5-9   | 10-24 |
| 512-5002           | 8-323914-1  | 4         | 0.082                      | 0.646      | 0.203     | 35.52        | 31.97 | 26.64 |
| 512-5004           | 8-323915-1  | 6         | 0.082                      | 0.646      | 0.203     | 23.03        | 20.73 | 17.27 |
| 512-5006           | 8-326875-1  | 6         | 0.082                      | 0.740      | 0.250     | 51.88        | 47.16 | 43.23 |
| 512-5012           | 8-323916-1  | 8         | 0.082                      | 0.740      | 0.250     | 60.28        | 54.80 | 50.24 |

| AWG 22-16 (Red) |            |      |       |       |       |       |       |       |
|-----------------|------------|------|-------|-------|-------|-------|-------|-------|
| 512-5300        | 8-31880-1  | 4    | 0.140 | 0.672 | 0.218 | 17.11 | 15.40 | 12.83 |
| 512-5014        | 8-36149-1  | 6    | 0.125 | 0.672 | 0.218 | 30.56 | 27.78 | 25.47 |
| 512-5302        | 8-36150-1  | 6    | 0.140 | 0.672 | 0.218 | 15.64 | 14.08 | 11.73 |
| 512-5018        | 7-51863-1  | 6    | 0.125 | 0.782 | 0.250 | 19.91 | 17.92 | 14.93 |
| 512-5022        | 8-36151-1  | 6    | 0.125 | 0.797 | 0.250 | 26.91 | 24.46 | 22.42 |
| 512-5304        | 8-36152-1  | 6    | 0.140 | 0.797 | 0.281 | 16.66 | 14.99 | 12.50 |
| 512-5306        | 8-31890-1  | 8    | 0.140 | 0.844 | 0.312 | 17.11 | 15.40 | 12.83 |
| 512-5024        | 6-320551-1 | 8    | 0.125 | 0.844 | 0.312 | 51.88 | 47.16 | 43.23 |
| 512-5026        | 8-31886-1  | 8    | 0.140 | 0.797 | 0.281 | 16.66 | 14.99 | 12.50 |
| 512-5038        | 6-36153-1  | 10   | 0.125 | 0.844 | 0.312 | 33.27 | 29.95 | 24.96 |
| 512-5308        | 8-36154-1  | 10   | 0.140 | 0.844 | 0.312 | 17.11 | 15.40 | 12.83 |
| 512-5310        | 8-31887-1  | 10   | 0.140 | 0.797 | 0.281 | 50.35 | 45.77 | 41.96 |
| 512-5312        | 8-32836-1  | 10   | 0.125 | 0.876 | 0.344 | 22.85 | 20.56 | 17.14 |
| 512-5314        | 8-31894-1  | 1/4" | 0.140 | 1.078 | 0.469 | 19.58 | 17.83 | 14.69 |
| 512-5316        | 8-31895-1  | 3/8" | 0.140 | 1.078 | 0.469 | 60.22 | 54.75 | 50.18 |
| 512-5318        | 8-31897-1  | 3/8" | 0.140 | 1.218 | 0.531 | 20.11 | 18.09 | 15.08 |

| AWG 16-14 (Blue) |            |       |       |       |       |       |       |       |
|------------------|------------|-------|-------|-------|-------|-------|-------|-------|
| 512-5052         | 8-324159-1 | 4     | 0.150 | 0.703 | 0.250 | 17.11 | 15.40 | 12.83 |
| 512-5324         | 8-36157-1  | 6     | 0.150 | 0.859 | 0.343 | 50.35 | 45.77 | 41.96 |
| 512-5326         | 8-36158-1  | 6     | 0.170 | 0.859 | 0.343 | 50.35 | 45.77 | 41.96 |
| 512-5062         | 8-320561-1 | 6     | 0.150 | 0.703 | 0.250 | 51.88 | 47.16 | 43.23 |
| 512-5064         | 8-320619-1 | 6     | 0.170 | 0.703 | 0.250 | 16.66 | 14.99 | 12.50 |
| 512-5328         | 8-320560-1 | 8     | 0.150 | 0.859 | 0.343 | 37.33 | 33.60 | 28.00 |
| 512-5330         | 8-320565-1 | 8     | 0.170 | 0.859 | 0.343 | 16.66 | 14.99 | 12.50 |
| 512-5332         | 8-320574-1 | 10    | 0.150 | 0.859 | 0.343 | 26.91 | 24.46 | 22.42 |
| 512-5334         | 8-36160-1  | 10    | 0.170 | 0.859 | 0.343 | 16.66 | 14.99 | 12.50 |
| 512-5336         | 8-321045-1 | 1/4"  | 0.170 | 1.078 | 0.469 | 19.04 | 17.14 | 14.28 |
| 512-5338         | 8-328998-1 | 3/16" | 0.170 | 1.078 | 0.469 | 19.04 | 17.14 | 14.28 |
| 512-5340         | 8-328999-1 | 3/8"  | 0.170 | 1.218 | 0.531 | 19.56 | 17.61 | 14.67 |
| 512-4084         | 328976     | 1/2"  | 0.150 | 1.293 | 0.713 | 46.57 | 42.34 | 38.81 |

| AWG 12-10 (Yellow) |            |       |       |       |       |        |        |        |
|--------------------|------------|-------|-------|-------|-------|--------|--------|--------|
| 512-5342           | 8-35149-2  | 6     | 0.250 | 0.953 | 0.281 | 10.54* | 9.49*  | 7.91*  |
| 512-5086           | 8-35107-2  | 6     | 0.250 | 1.083 | 0.375 | 10.83* | 9.75*  | 8.13*  |
| 512-5344           | 8-35108-1  | 8     | 0.250 | 1.083 | 0.375 | 21.67  | 19.50  | 16.25  |
| 512-5130           | 8-324918-2 | 10    | 0.230 | 1.052 | 0.312 | 16.89* | 15.20* | 12.67* |
| 512-5346           | 8-35109-1  | 10    | 0.250 | 1.083 | 0.375 | 21.67  | 19.50  | 16.25  |
| 512-5348           | 8-35110-1  | 1/4"  | 0.250 | 1.322 | 0.531 | 24.80  | 22.32  | 18.60  |
| 512-5350           | 8-35111-1  | 3/16" | 0.250 | 1.322 | 0.531 | 24.80  | 22.32  | 18.60  |
| 512-5352           | 8-35112-1  | 3/8"  | 0.250 | 1.414 | 0.593 | 24.80  | 22.32  | 18.60  |
| 512-5354           | 8-35151-2  | 1/2"  | 0.250 | 1.594 | 0.750 | 14.45* | 13.01* | 10.84* |

**Spade Tongue Terminals (Fig. B)**

| AWG 22-16 (Red) |            |    |       |       |       |       |       |       |
|-----------------|------------|----|-------|-------|-------|-------|-------|-------|
| 512-5356        | 8-328394-1 | 2  | 0.140 | 0.727 | 0.182 | 35.54 | 31.99 | 26.66 |
| 512-5358        | 8-327717-1 | 4  | 0.140 | 0.674 | 0.218 | 19.74 | 17.77 | 14.81 |
| 512-5090        | 8-326861-1 | 6  | 0.140 | 0.753 | 0.297 | 30.54 | 27.76 | 25.45 |
| 512-5360        | 8-34541-1  | 6  | 0.140 | 0.846 | 0.250 | 16.66 | 14.99 | 12.50 |
| 512-5362        | 8-32053-1  | 8  | 0.140 | 0.908 | 0.375 | 26.02 | 23.42 | 19.52 |
| 512-5364        | 8-32054-1  | 10 | 0.140 | 0.908 | 0.375 | 20.16 | 18.14 | 15.12 |

\*Package of 50.

exceed the requirements of MIL-T-7928, Type II, Class 1 and 2. 300 V max., 150°C max. Bulk packages available, contact your local Allied sales office.

**Spade Tongue Terminals (Fig. B) — (continued)**

| AWG 16-14 (Blue) |             |           |                            |            |           |              |       |       |
|------------------|-------------|-----------|----------------------------|------------|-----------|--------------|-------|-------|
| Stock No.        | Mfr.'s Type | Stud Size | Insulation Max. Dia. (In.) | Length In. | Width In. | PER PKG./100 |       |       |
|                  |             |           |                            |            |           | 1-4          | 5-9   | 10-24 |
| 512-5366         | 8-35559-1   | 6         | 0.170                      | 0.753      | 0.297     | 16.66        | 14.99 | 12.50 |
| 512-5100         | 8-328281-1  | 6         | 0.170                      | 0.846      | 0.244     | 34.29        | 30.87 | 25.72 |
| 512-5110         | 8-32056-1   | 8         | 0.150                      | 0.908      | 0.375     | 77.83        | 70.75 | 64.86 |
| 512-5368         | 8-321233-1  | 8         | 0.170                      | 0.753      | 0.297     | 28.64        | 26.04 | 23.87 |
| 512-5370         | 8-32060-1   | 10        | 0.170                      | 0.908      | 0.375     | 16.66        | 14.99 | 12.50 |

| AWG 12-10 (Yellow) |            |    |       |       |       |        |        |        |
|--------------------|------------|----|-------|-------|-------|--------|--------|--------|
| 512-5372           | 8-325985-2 | 6  | 0.230 | 0.954 | 0.290 | 28.54* | 26.85* | 24.62* |
| 512-5116           | 8-326859-1 | 6  | 0.230 | 1.095 | 0.312 | 91.60  | 83.27  | 76.33  |
| 512-5088           | 8-32588-2  | 8  | 0.230 | 1.095 | 0.406 | 38.82* | 28.02* | 25.69* |
| 512-5376           | 8-32589-2  | 10 | 0.230 | 1.095 | 0.406 | 15.02* | 13.52* | 11.26* |

**Flanged Spade Tongue Terminals (Fig. C)**

| AWG 22-16 (Red) |            |   |       |       |       |       |       |       |
|-----------------|------------|---|-------|-------|-------|-------|-------|-------|
| 512-5378        | 8-324608-1 | 2 | 0.140 | 0.727 | 0.182 | 65.26 | 59.33 | 54.38 |
| 512-5380        | 8-32562-1  | 6 | 0.140 | 0.737 | 0.296 | 16.14 | 14.67 | 13.45 |
| 512-5382        | 8-32498-1  | 8 | 0.140 | 0.830 | 0.416 | 69.75 | 63.41 | 58.12 |

| AWG 16-14 (Blue) |            |    |       |       |       |       |       |       |
|------------------|------------|----|-------|-------|-------|-------|-------|-------|
| 512-5384         | 8-320861-1 | 6  | 0.170 | 0.737 | 0.294 | 18.09 | 16.28 | 13.57 |
| 512-5386         | 8-320862-1 | 8  | 0.170 | 0.737 | 0.294 | 36.58 | 29.93 | 27.44 |
| 512-5388         | 8-320863-1 | 10 | 0.170 | 0.737 | 0.294 | 55.16 | 50.15 | 45.97 |

| AWG 12-10 (Yellow) |            |    |       |       |       |        |        |        |
|--------------------|------------|----|-------|-------|-------|--------|--------|--------|
| 512-5390           | 8-325150-2 | 6  | 0.250 | 1.017 | 0.296 | 28.88* | 25.99* | 21.66* |
| 512-5392           | 8-32510-2  | 8  | 0.230 | 1.017 | 0.416 | 12.86* | 11.58* | 8.91*  |
| 512-5394           | 8-324015-2 | 10 | 0.250 | 1.017 | 0.416 | 15.18* | 13.80* | 12.65* |

**Spring Spade Terminals (Fig. D)**

Tin-plated phosphor bronze.

| AWG 22-16 (Red) |           |   |       |       |       |       |       |       |
|-----------------|-----------|---|-------|-------|-------|-------|-------|-------|
| 512-5406        | 8-52927-1 | 4 | 0.125 | 0.799 | 0.203 | 58.18 | 52.89 | 48.48 |
| 512-5408        | 8-52929-1 | 6 | 0.125 | 0.799 | 0.250 | 18.70 | 16.83 | 14.03 |
| 512-5410        | 8-52930-1 | 8 | 0.125 | 0.860 | 0.375 | 57.28 | 52.08 | 47.74 |

| AWG 16-14 (Blue) |           |   |       |       |       |       |       |       |
|------------------|-----------|---|-------|-------|-------|-------|-------|-------|
| 512-5414         | 7-52935-1 | 6 | 0.170 | 0.799 | 0.250 | 18.70 | 16.83 | 14.03 |
| 512-5416         | 8-52936-1 | 8 | 0.170 | 0.860 | 0.375 | 57.28 | 52.08 | 47.74 |

| AWG 12-10 (Yellow) |           |    |       |       |       |        |        |        |
|--------------------|-----------|----|-------|-------|-------|--------|--------|--------|
| 512-5420           | 8-52941-2 | 6  | 0.250 | 0.959 | 0.250 | 67.97* | 56.64* | 52.29* |
| 512-5422           | 8-52942-1 | 8  | 0.250 | 1.052 | 0.375 | 68.85  | 62.59  | 57.38  |
| 512-5424           | 8-52943-1 | 10 | 0.250 | 1.100 | 0.406 | 68.85  | 62.59  | 57.38  |

\*Package of 50.

**Butt Splice Terminals (Fig. E)**

| Stock No. | Mfr.'s Type | AWG   | Insulation Max. Dia. (In.) | Length In. | Barrel Min. ID. (In.) | PER PKG./50 |       |       |
|-----------|-------------|-------|----------------------------|------------|-----------------------|-------------|-------|-------|
|           |             |       |                            |            |                       | 1-4         | 5-9   | 10-24 |
| 512-5124  | 8-323994-2  | 26-22 | 0.082                      | 0.890      | 0.029                 | 19.62       | 17.65 | 14.57 |
| 512-4126  | 323975      | 24-20 | 0.100                      | 1.035      | 0.043                 | 12.22       | 11.11 | 10.08 |
| 512-5396  | 8-320559-2  | 22-16 | 0.125                      | 1.265      | 0.061                 | 28.45       | 25.60 | 21.34 |
| 512-5398  | 8-320562-2  | 16-14 | 0.150                      | 1.265      | 0.085                 | 36.03       | 30.70 | 23.06 |
| 512-5400  | 8-320570-2  | 12-10 | 0.220                      | 1.656      | 0.129                 | 47.14       | 42.42 | 32.63 |

Tools

Ratcheted Crimp Tools

| Stock No. | Mfr.'s Type | Description                                                                             | EACH   |
|-----------|-------------|-----------------------------------------------------------------------------------------|--------|
| 512-9022  | 58433-3     | PRO-CRIMPER™II for insulated terminals and splices on 22-18, 16-14, and 12-10 AWG wires | 104.55 |
| 512-9112  | 59275       | T-HEAD for PIDG® terminals and splices on 26-22 AWG wires                               | 823.97 |
| 512-9114  | 59250       | T-HEAD for PIDG® terminals and splices on 22-14 AWG wires                               | 769.04 |
| 512-9225  | 59824-1     | TETRA-CRIMP®, for terminals and splices on 22-18, 16-14, and 12-10 AWG wires            | 399.84 |
| 512-9102  | 58078-3     | Tool (less dies) for Ultra-Fast FASTON®                                                 | 320.57 |
| 512-9103  | 90390-3     | Dies only for Ultra-Fast FASTON® — 22-18 AWG                                            | 266.66 |
| 512-9104  | 90391-3     | Dies only for Ultra-Fast FASTON® — 16-14 AWG                                            | 248.88 |
| 512-9106  | 58079-3     | Dies only for Ultra-Fast Plus FASTON® — 22-18 AWG                                       | 399.84 |
| 512-9109  | 49935       | CERTI CRIMP® for SOLISTRAND® terminals and splices on 22-10 AWG wires                   | 196.15 |

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