



## Quick Reference Guide PIDG Terminals & Splices

TE Connectivity's PIDG terminals are designed for uniform reliability in the most difficult circuit environments. They consist of a tin plated copper or tin plated phosphor bronze body for spring spades, plus a copper and colored insulation sleeve fitted over a terminal barrel. The many millions of AMP terminals & splices that are still deployed twenty years after installation are a testament to the rigorous testing and research that went into their design and manufacturing. The specialized design of tool dies and the construction of the terminal allows for uniform insulation thickness under crimping pressure, transmitting this pressure evenly to the center of the crimping area. Many of the TE PIDG terminals meet or exceed the requirements of MIL-T-7928, Type II, Class 1 and 2.

### FEATURES AND BENEFITS

- Terminals are made of high conductivity copper
- PIDG terminals have copper sleeve for improved wire insulation support
- The body has serrations for maximum contact and tensile strength
- Most parts are available as small packages, but bulk quantities can also be ordered
- Specific tooling dedicated for different volumes and / or circumstances is available
- Insulation sleeves and the corresponding tooling are color-coded by wire-size for easier identification
- A wide variety of PIDG terminals and splices are UL listed and certified by CSA

### PRODUCT APPLICATIONS

- Instruments/Control
- Lighting
- Power Supplies
- Panel Boxes
- Transportation
- Lifting equipment
- Motors
- Aerospace
- Appliances



**MATERIAL**

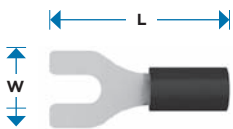
Insulation: Nylon, UL 94V-2  
 Terminal Body: Copper per ASTM B-152  
 Plating: Tin per ASTM B-545  
 Metallic Sleeve: Copper per ASTM B-152

**Ring Tongue Terminals**

| Wire Size |                 | Material Thickness |      | Studsize |      | Standard Part Number | Width (W) |      | Length (L) |       | Color | Max. Wire Insulation Dia. |      | Also available in <sup>8</sup> |            | Remarks |
|-----------|-----------------|--------------------|------|----------|------|----------------------|-----------|------|------------|-------|-------|---------------------------|------|--------------------------------|------------|---------|
| AWG       | mm <sup>2</sup> | inch               | mm   | U.S.     | mm   |                      | inch      | mm   | inch       | mm    |       | inch                      | mm   | Tape & Reel                    | Small Pack |         |
| 26-24     | 0,12-0,24       | .029               | 0,74 | 2        | M2   | 54310-1              | .203      | 5,16 | .739       | 18,77 | ●     | .105                      | 2,67 | -                              | -          | 0, 6    |
|           |                 |                    |      | 4        | M2.5 | 52189                | .203      | 5,16 | .736       | 18,69 | ●     | .105                      | 2,67 | -                              | -          | 0, 6    |
|           |                 |                    |      | 6        | M3.5 | 53073                | .250      | 6,35 | .792       | 20,12 | ●     | .105                      | 2,67 | -                              | -          | 0, 6    |
|           |                 |                    |      | 8        | M4   | 54311-1              | .281      | 7,14 | .814       | 20,68 | ●     | .105                      | 2,67 | -                              | -          | 0, 6    |
|           |                 |                    |      | 10       |      | 54312-1              | .312      | 7,92 | .868       | 22,05 | ●     | .105                      | 2,67 | ✓                              | -          | 0, 6    |
| 26-22     | 0,12-0,41       | .020               | 0,51 | 0        |      | 321013               | .140      | 3,56 | .525       | 13,34 | ●     | .082                      | 2,08 | -                              | -          |         |
|           |                 |                    |      | 2        | M2   | 323912               | .140      | 3,56 | .525       | 13,34 | ●     | .082                      | 2,08 | ✓                              | ✓          |         |
|           |                 |                    |      | 2        | M2   | 329951               | .140      | 3,56 | .615       | 15,62 | ●     | .082                      | 2,08 | -                              | ✓          |         |
|           |                 |                    |      | 4        | M2.5 | 323914               | .203      | 5,16 | .646       | 16,41 | ●     | .082                      | 2,08 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 5        | M3   | 323915               | .203      | 5,16 | .646       | 16,41 | ●     | .082                      | 2,08 | ✓                              | ✓          |         |
|           |                 |                    |      | 6        | M3.5 | 326875               | .250      | 6,35 | .740       | 18,80 | ●     | .082                      | 2,08 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 6        | M3.5 | 323915               | .203      | 5,16 | .646       | 16,41 | ●     | .082                      | 2,08 | ✓                              | ✓          |         |
|           |                 |                    |      | 8        | M4   | 323916               | .250      | 6,35 | .740       | 18,80 | ●     | .082                      | 2,08 | ✓                              | ✓          | 6       |
| 24-20     | 0,16-0,65       | .025               | 0,64 | 2        | M2   | 329636               | .106      | 4,06 | .589       | 14,96 | ○     | .100                      | 2,54 | ✓                              | -          |         |
|           |                 |                    |      | 4        | M2.5 | 323985               | .281      | 7,14 | .774       | 19,66 | ○     | .100                      | 2,54 | -                              | -          |         |
|           |                 |                    |      | 6        | M3.5 | 323986               | .281      | 7,14 | .774       | 19,66 | ○     | .100                      | 2,54 | ✓                              | -          |         |
|           |                 |                    |      | 8        | M4   | 323989               | .312      | 7,92 | .821       | 20,85 | ○     | .100                      | 2,54 | ✓                              | -          |         |
|           |                 |                    |      | 10       |      | 323990               | .312      | 7,92 | .821       | 20,85 | ○     | .100                      | 2,54 | ✓                              | -          |         |
| 22-16     | 0,26-1,65       | .033               | 0,84 | 2        | M2   | 328657               | .218      | 5,54 | .672       | 17,07 | ●     | .125                      | 3,18 | ✓                              | ✓          |         |
|           |                 |                    |      | 4        | M2.5 | 320553               | .218      | 5,54 | .672       | 17,07 | ●     | .125                      | 3,18 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 4        | M2.5 | 31880                | .218      | 5,54 | .672       | 17,07 | ●     | .140                      | 3,65 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 4        | M2.5 | 323758               | .250      | 6,35 | .844       | 21,44 | ●     | .125                      | 3,18 | ✓                              | -          |         |
|           |                 |                    |      | 4        | M2.5 | 330648               | .250      | 6,35 | .844       | 21,44 | ●     | .140                      | 3,56 | ✓                              | -          |         |
|           |                 |                    |      | 6        | M3.5 | 51863                | .250      | 6,35 | .782       | 19,86 | ●     | .125                      | 3,18 | ✓                              | ✓          |         |
|           |                 |                    |      | 6        | M3.5 | 36151                | .281      | 7,14 | .797       | 20,24 | ●     | .125                      | 3,18 | ✓                              | ✓          |         |
|           |                 |                    |      | 6        | M3.5 | 36152                | .281      | 7,14 | .797       | 20,24 | ●     | .140                      | 3,56 | ✓                              | ✓          |         |
|           |                 |                    |      | 6        | M3.5 | 36149                | .218      | 5,54 | .672       | 17,07 | ●     | .125                      | 3,18 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 6        | M3.5 | 36150                | .218      | 5,54 | .672       | 17,07 | ●     | .140                      | 3,56 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 8        | M4   | 320554               | .281      | 7,14 | .797       | 20,24 | ●     | .125                      | 3,18 | ✓                              | ✓          |         |
|           |                 |                    |      | 8        | M4   | 31886                | .281      | 7,14 | .797       | 20,24 | ●     | .140                      | 3,56 | ✓                              | ✓          |         |
|           |                 |                    |      | 8        | M4   | 320551               | .312      | 7,92 | .844       | 21,44 | ●     | .125                      | 3,18 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 8        | M4   | 31890                | .312      | 7,92 | .844       | 21,44 | ●     | .140                      | 3,56 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 10       |      | 320552               | .281      | 7,14 | .797       | 20,24 | ●     | .125                      | 3,18 | ✓                              | ✓          |         |
|           |                 |                    |      | 10       |      | 31887                | .281      | 7,14 | .797       | 20,24 | ●     | .140                      | 3,56 | ✓                              | ✓          |         |
|           |                 |                    |      | 10       |      | 36153                | .312      | 7,92 | .844       | 21,44 | ●     | .125                      | 3,18 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 10       |      | 36154                | .312      | 7,92 | .844       | 21,44 | ●     | .140                      | 3,56 | ✓                              | ✓          | 6       |
| 16-14     | 1,04-2,62       | .033               | 0,84 | 2        | M2   | 324993               | .180      | 4,57 | .668       | 16,97 | ●     | .170                      | 4,32 | -                              | -          |         |
|           |                 |                    |      | 4        | M2.5 | 324159               | .250      | 6,35 | .703       | 17,86 | ●     | .150                      | 3,81 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 4        | M2.5 | 328996               | .250      | 6,35 | .703       | 17,86 | ●     | .170                      | 4,32 | ✓                              | ✓          |         |
|           |                 |                    |      | 6        | M3.5 | 320561               | .250      | 6,35 | .703       | 17,86 | ●     | .150                      | 3,81 | ✓                              | ✓          | 6       |
|           |                 |                    |      | 6        | M3.5 | 320619               | .250      | 6,35 | .703       | 17,86 | ●     | .170                      | 4,32 | ✓                              | ✓          |         |

Ring Tongue Terminals (continued)

| Wire Size |                 | Material Thickness |      | Studsizes |      | Standard Part Number | Width (W) |       | Length (L) |        | Color | Max. Wire Insulation Dia. |       | Also available in <sup>8</sup> |            | Remarks |      |   |   |   |
|-----------|-----------------|--------------------|------|-----------|------|----------------------|-----------|-------|------------|--------|-------|---------------------------|-------|--------------------------------|------------|---------|------|---|---|---|
| AWG       | mm <sup>2</sup> | inch               | mm   | U.S.      | mm   |                      | inch      | mm    | inch       | mm     |       | inch                      | mm    | Tape & Reel                    | Small Pack |         |      |   |   |   |
| 16-14     | 1,04-2,62       | .033               | 0,84 | 6         | M3.5 | 326882               | .312      | 7,92  | .813       | 20,65  | ●     | .170                      | 4,32  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 6         | M3.5 | 51864                | .312      | 7,92  | .844       | 21,44  | ●     | .150                      | 3,81  | ✓                              | ✓          | 6       |      |   |   |   |
|           |                 |                    |      | 8         | M4   | 51864-1              | .312      | 7,92  | .844       | 21,44  | ●     | .150                      | 3,81  | ✓                              | ✓          | 6       |      |   |   |   |
|           |                 |                    |      | 8         | M4   | 320560               | .343      | 8,71  | .859       | 21,82  | ●     | .150                      | 3,81  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 8         | M4   | 320565               | .343      | 8,71  | .859       | 21,82  | ●     | .170                      | 4,32  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 10        |      | 320574               | .343      | 8,71  | .859       | 21,82  | ●     | .150                      | 3,81  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 10        |      | 36160                | .343      | 8,71  | .859       | 21,82  | ●     | .170                      | 4,32  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      |           |      |                      |           | M5    | 130090     | .343   | 8,71  | .864                      | 21,94 | ●                              | .150       | 3,80    | ✓    | - |   |   |
|           |                 |                    |      |           |      |                      |           | M5    | 130094     | .343   | 8,71  | .864                      | 21,94 | ●                              | .170       | 4,30    | ✓    | ✓ |   |   |
|           |                 |                    |      |           |      |                      |           | 1/4   | M6         | 320563 | .469  | 11,91                     | 1.078 | 27,38                          | ●          | .150    | 3,81 | ✓ | ✓ | 6 |
|           |                 |                    |      |           |      |                      |           | 1/4   | M6         | 321045 | .469  | 11,91                     | 1.078 | 27,38                          | ●          | .170    | 4,32 | ✓ | ✓ |   |
|           |                 |                    |      |           |      |                      |           | 5/16  | M8         | 320575 | .469  | 11,91                     | 1.078 | 27,38                          | ●          | .150    | 3,81 | ✓ | ✓ | 6 |
|           |                 |                    |      |           |      |                      |           | 5/16  | M8         | 328998 | .469  | 11,91                     | 1.078 | 27,38                          | ●          | .170    | 4,32 | ✓ | ✓ |   |
|           |                 |                    |      |           |      |                      |           | 3/8   |            | 320564 | .531  | 13,49                     | 1.218 | 30,94                          | ●          | .150    | 3,81 | ✓ | ✓ | 6 |
|           |                 |                    |      |           |      |                      |           | 3/8   |            | 328999 | .531  | 13,49                     | 1.218 | 30,94                          | ●          | .170    | 4,32 | ✓ | ✓ |   |
|           |                 |                    |      |           |      |                      |           | 1/2   | M12        | 328976 | .713  | 18,11                     | 1.293 | 32,84                          | ●          | .150    | 3,81 | - | - | 6 |
|           |                 |                    |      | 1/2       | M12  | 328849               | .713      | 18,11 | 1.293      | 32,84  | ●     | .170                      | 4,32  | -                              | ✓          |         |      |   |   |   |
| 12-10     | 2,62-6,64       | .033               | 0,84 | 4         | M2.5 | 35148                | .281      | 7,14  | .953       | 24,21  | ●     | .250                      | 6,35  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 6         | M3.5 | 320634               | .281      | 7,14  | .953       | 24,21  | ●     | .230                      | 5,84  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 6         | M3.5 | 35149                | .281      | 7,14  | .953       | 24,21  | ●     | .250                      | 6,35  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 6         | M3.5 | 320567               | .375      | 9,53  | 1.083      | 27,51  | ●     | .230                      | 5,84  | ✓                              | ✓          | 6       |      |   |   |   |
|           |                 |                    |      | 6         | M3.5 | 35107                | .375      | 9,53  | 1.083      | 27,51  | ●     | .250                      | 6,35  | ✓                              | ✓          | 6       |      |   |   |   |
|           |                 |                    |      | 8         | M4   | 35787                | .312      | 7,92  | 1.031      | 26,19  | ●     | .230                      | 5,84  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 8         | M4   | 324915               | .312      | 7,92  | 1.052      | 26,72  | ●     | .230                      | 5,84  | -                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 8         | M4   | 320568               | .375      | 9,53  | 1.083      | 27,51  | ●     | .230                      | 5,84  | ✓                              | -          | 6       |      |   |   |   |
|           |                 |                    |      | 8         | M4   | 35108                | .375      | 9,53  | 1.083      | 27,51  | ●     | .250                      | 6,35  | ✓                              | ✓          | 6       |      |   |   |   |
|           |                 |                    |      | 10        |      | 324918               | .312      | 7,92  | 1.052      | 26,72  | ●     | .230                      | 5,84  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 10        |      | 32883                | .343      | 8,71  | 1.046      | 26,57  | ●     | .230                      | 5,84  | ✓                              | ✓          |         |      |   |   |   |
|           |                 |                    |      |           |      |                      |           | M5    | 130171     | .375   | 9,53  | 1.090                     | 27,68 | ●                              | .250       | 6,35    | ✓    | ✓ |   |   |
|           |                 |                    |      |           |      |                      |           | 10    |            | 36161  | .375  | 9,53                      | 1.083 | 27,51                          | ●          | .230    | 5,84 | ✓ | ✓ | 6 |
|           |                 |                    |      |           |      |                      |           | 10    |            | 35109  | .375  | 9,53                      | 1.083 | 27,51                          | ●          | .250    | 6,35 | ✓ | ✓ | 6 |
|           |                 |                    |      |           |      |                      |           | 1/4   | M6         | 320569 | .531  | 13,49                     | 1.322 | 33,58                          | ●          | .230    | 5,84 | ✓ | ✓ | 6 |
|           |                 |                    |      |           |      |                      |           | 1/4   | M6         | 35110  | .531  | 13,49                     | 1.322 | 33,58                          | ●          | .250    | 6,35 | ✓ | ✓ | 6 |
|           |                 |                    |      |           |      |                      |           | 5/16  | M8         | 320576 | .531  | 13,49                     | 1.322 | 33,58                          | ●          | .230    | 5,84 | ✓ | ✓ |   |
|           |                 |                    |      |           |      |                      |           | 5/16  | M8         | 35111  | .531  | 13,49                     | 1.322 | 33,58                          | ●          | .250    | 6,35 | ✓ | ✓ | 6 |
|           |                 |                    |      |           |      |                      |           | 5/16  | M8         | 160298 | .500  | 12,70                     | 1.188 | 30,18                          | ●          | .250    | 6,35 | ✓ | - |   |
|           |                 |                    |      |           |      |                      |           | 3/8   |            | 320577 | .593  | 15,06                     | 1.414 | 35,92                          | ●          | .230    | 5,84 | ✓ | ✓ | 6 |
|           |                 |                    |      | 3/8       |      | 35112                | .593      | 15,06 | 1.414      | 35,92  | ●     | .250                      | 6,35  | -                              | ✓          | 6       |      |   |   |   |
|           |                 |                    |      | 1/2       | M12  | 323784               | .750      | 19,05 | 1.594      | 40,49  | ●     | .230                      | 5,84  | -                              | -          |         |      |   |   |   |
|           |                 |                    |      | 1/2       | M12  | 35151                | .750      | 19,05 | 1.594      | 40,49  | ●     | .250                      | 6,35  | -                              | ✓          |         |      |   |   |   |
|           |                 |                    |      | 3/4       |      | 324615               | 1.25      | 31,75 | 2.219      | 56,36  | ●     | .230                      | 5,84  | -                              | -          |         |      |   |   |   |

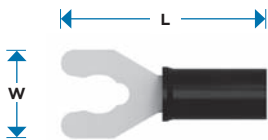


Spades: Standard Spade

|       |           |      |      |   |      |        |      |      |      |       |   |      |      |   |   |  |
|-------|-----------|------|------|---|------|--------|------|------|------|-------|---|------|------|---|---|--|
| 26-22 | 0,10-0,41 | .020 | 0,51 | 0 |      | 322001 | .125 | 3,18 | .476 | 12,09 | ● | .082 | 2,08 | - | - |  |
|       |           |      |      | 4 | M2.5 | 321035 | .203 | 5,16 | .627 | 15,93 | ● | .082 | 2,08 | ✓ | ✓ |  |
| 22-16 | 0,26-1,65 | .033 | 0,84 | 2 | M2   | 328394 | .182 | 4,62 | .727 | 18,47 | ● | .140 | 3,56 | ✓ | - |  |
|       |           |      |      | 4 | M2.5 | 327717 | .218 | 5,54 | .674 | 17,12 | ● | .125 | 3,18 | ✓ | ✓ |  |
|       |           |      |      | 5 | M3   | 34541  | .297 | 7,54 | .846 | 21,49 | ● | .140 | 3,56 | ✓ | ✓ |  |
|       |           |      |      | 6 | M3.5 | 34080  | .297 | 7,54 | .753 | 19,13 | ● | .125 | 3,18 | ✓ | ✓ |  |
|       |           |      |      | 6 | M3.5 | 326861 | .297 | 7,54 | .753 | 19,13 | ● | .140 | 3,56 | ✓ | ✓ |  |
|       |           |      |      | 8 | M4   | 32050  | .375 | 9,53 | .908 | 23,06 | ● | .125 | 3,18 | ✓ | ✓ |  |

**Spades: Standard Spade (continued)**

| Wire Size |                 | Material Thickness |       | Studs size |      | Standard Part Number | Width (W) |       | Length (L) |       | Color | Max. Wire Insulation Dia. |      | Also available in <sup>8</sup> |            | Remarks |
|-----------|-----------------|--------------------|-------|------------|------|----------------------|-----------|-------|------------|-------|-------|---------------------------|------|--------------------------------|------------|---------|
| AWG       | mm <sup>2</sup> | inch               | mm    | U.S.       | mm   |                      | inch      | mm    | inch       | mm    |       | inch                      | mm   | Tape & Reel                    | Small Pack |         |
| 22-16     | 0,26-1,65       | .033               | 0,84  | 8          | M4   | 32053                | .375      | 9,53  | .908       | 23,06 | ●     | .140                      | 3,56 | ✓                              | ✓          |         |
|           |                 |                    |       | 10         |      | 32051                | .375      | 9,53  | .908       | 23,06 | ●     | .125                      | 3,18 | ✓                              | ✓          |         |
|           |                 |                    |       | 10         |      | 32054                | .375      | 9,53  | .908       | 23,06 | ●     | .140                      | 3,56 | ✓                              | ✓          |         |
| 16-14     | 1,04-2,62       | .033               | 0,084 | 4          | M2.5 | 130527               | .250      | 6,35  | .813       | 20,65 | ●     | .170                      | 4,32 | -                              | ✓          |         |
|           |                 |                    |       | 6          | M3.5 | 32058                | .375      | 9,35  | .908       | 23,06 | ●     | .170                      | 4,32 | -                              | ✓          |         |
|           |                 |                    |       | 6          | M3.5 | 35559                | .297      | 7,54  | .753       | 19,13 | ●     | .170                      | 4,32 | ✓                              | ✓          |         |
|           |                 |                    |       | 8          | M4   | 32056                | .385      | 9,78  | .908       | 23,06 | ●     | .150                      | 3,81 | ✓                              | ✓          |         |
|           |                 |                    |       | 8          | M4   | 32059                | .385      | 9,78  | .908       | 23,06 | ●     | .170                      | 4,32 | ✓                              | ✓          |         |
|           |                 |                    |       | 10         |      | 32057                | .385      | 9,78  | .908       | 23,06 | ●     | .150                      | 3,81 | -                              | -          |         |
|           |                 |                    |       | 10         |      | 32060                | .385      | 9,78  | .908       | 23,06 | ●     | .170                      | 4,32 | ✓                              | ✓          |         |
| 12-10     | 2,62-6,64       | .042               | 1,07  | 6          | M3.5 | 322985               | .290      | 7,37  | .954       | 24,23 | ●     | .230                      | 5,84 | ✓                              | ✓          |         |
|           |                 |                    |       | 6          | M3.5 | 326859               | .312      | 7,92  | 1.095      | 27,81 | ●     | .230                      | 5,84 | ✓                              | ✓          |         |
|           |                 |                    |       | 8          | M4   | 32588                | .406      | 10,31 | 1.095      | 27,81 | ●     | .230                      | 5,84 | ✓                              | ✓          |         |
|           |                 |                    |       | 8          | M4   | 35152                | .406      | 10,31 | 1.095      | 27,81 | ●     | .250                      | 6,35 | ✓                              | ✓          |         |
|           |                 |                    |       | 10         |      | 32589                | .406      | 10,31 | 1.095      | 27,81 | ●     | .230                      | 5,84 | ✓                              | ✓          |         |
|           |                 |                    |       | 12         | M6   | 130625               | 0.531     | 13,50 | 1.299      | 33,00 | ●     | 0.252                     | 6,40 | -                              | ✓          |         |



**Short Spring Spade**

|       |           |      |      |    |      |       |      |       |       |       |   |      |      |   |   |   |
|-------|-----------|------|------|----|------|-------|------|-------|-------|-------|---|------|------|---|---|---|
| 26-22 | 0,12-0,40 | .020 | 0,50 | 6  | M3.5 | 52924 | .250 | 6,35  | .679  | 17,25 | ● | .082 | 2,08 | ✓ | ✓ | 1 |
| 22-16 | 0,26-1,65 | .033 | 0,84 | 4  | M2.5 | 52927 | .203 | 5,16  | .799  | 20,29 | ● | .125 | 3,18 | ✓ | ✓ | 1 |
|       |           |      |      | 5  | M3   | 52928 | .250 | 6,35  | .799  | 20,29 | ● | .125 | 3,18 | ✓ | ✓ | 1 |
|       |           |      |      | 6  | M3.5 | 52929 | .250 | 6,35  | .799  | 20,29 | ● | .125 | 3,18 | ✓ | ✓ | 1 |
|       |           |      |      | 8  | M4   | 52930 | .375 | 9,53  | .860  | 21,84 | ● | .125 | 3,18 | ✓ | ✓ | 1 |
|       |           |      |      | 10 |      | 52931 | .406 | 10,31 | .908  | 23,06 | ● | .125 | 3,18 | ✓ | ✓ | 1 |
|       |           |      |      | 12 | M6   | 52933 | .625 | 18,88 | 1.033 | 26,24 | ● | .125 | 3,18 | - | ✓ | 1 |
| 16-14 | 1,04-2,62 | .033 | 0,84 | 5  | M3   | 52934 | .250 | 6,35  | .799  | 20,29 | ● | .170 | 4,32 | ✓ | ✓ | 1 |
|       |           |      |      | 6  | M3.5 | 52935 | .250 | 6,35  | .799  | 20,29 | ● | .170 | 4,32 | ✓ | ✓ | 1 |
|       |           |      |      | 8  | M4   | 52936 | .375 | 9,53  | .860  | 21,84 | ● | .170 | 4,32 | ✓ | ✓ | 1 |
|       |           |      |      | 10 |      | 52937 | .406 | 10,31 | .908  | 23,06 | ● | .170 | 4,32 | ✓ | ✓ | 1 |
|       |           |      |      | 12 | M6   | 52939 | .625 | 15,88 | 1.033 | 26,24 | ● | .170 | 4,32 | - | - | 1 |
| 12-10 | 2,62-6,64 | .042 | 1,07 | 6  | M3.5 | 52941 | .250 | 6,35  | .959  | 24,36 | ● | .250 | 6,35 | ✓ | ✓ | 1 |
|       |           |      |      | 8  | M4   | 52942 | .375 | 9,53  | 1.052 | 26,72 | ● | .250 | 6,35 | ✓ | ✓ | 1 |
|       |           |      |      | 10 |      | 52943 | .406 | 10,31 | 1.100 | 27,94 | ● | .250 | 6,35 | ✓ | ✓ | 1 |
|       |           |      |      | 12 | M6   | 52945 | .625 | 15,88 | 1.225 | 31,12 | ● | .250 | 6,35 | - | ✓ | 1 |

**Long Spring Spade**

|       |           |      |      |    |      |         |      |      |       |       |   |      |      |   |   |   |
|-------|-----------|------|------|----|------|---------|------|------|-------|-------|---|------|------|---|---|---|
| 22-16 | 0,26-1,65 | .033 | 0,84 | 6  | M3.5 | 52409   | .250 | 6,35 | .276  | 7,01  | ● | .125 | 3,18 | ✓ | ✓ | 1 |
|       |           |      |      | 8  | M4   | 52410   | .281 | 7,14 | .290  | 7,37  | ● | .125 | 3,18 | ✓ | ✓ | 1 |
|       |           |      |      | 10 |      | 52411   | .343 | 8,71 | .303  | 7,70  | ● | .125 | 3,18 | ✓ | ✓ | 1 |
| 16-14 | 1,04-2,62 | .033 | 0,84 | 6  | M3.5 | 52420-1 | .250 | 6,35 | .933  | 23,70 | ● | .170 | 4,32 | ✓ | ✓ | 1 |
|       |           |      |      | 8  | M4   | 52421-1 | .281 | 7,14 | .979  | 24,87 | ● | .170 | 4,32 | ✓ | ✓ | 1 |
|       |           |      |      | 10 |      | 52422-1 | .343 | 8,71 | 1.005 | 25,53 | ● | .170 | 4,32 | ✓ | - | 1 |
| 12-10 | 2,62-6,64 | .042 | 1,07 | 8  | M4   | 52431-1 | .375 | 9,53 | 1.174 | 29,82 | ● | .250 | 6,35 | ✓ | - | 1 |
|       |           |      |      | 10 |      | 52432-1 | .375 | 9,53 | 1.219 | 30,96 | ● | .250 | 6,35 | ✓ | - | 1 |



| Butt Splices |                 |                    |    |               |    |                      |           |    |            |       |       |                           |      |                                |            |         |
|--------------|-----------------|--------------------|----|---------------|----|----------------------|-----------|----|------------|-------|-------|---------------------------|------|--------------------------------|------------|---------|
| Wire Size    |                 | Material Thickness |    | Tab-Thickness |    | Standard Part Number | Width (W) |    | Length (L) |       | Color | Max. Wire Insulation Dia. |      | Also available in <sup>8</sup> |            | Remarks |
| AWG          | mm <sup>2</sup> | inch               | mm | U.S.          | mm |                      | inch      | mm | inch       | mm    |       | inch                      | mm   | Tape & Reel                    | Small Pack |         |
| 26-24        | 0,12-0,24       | n.a.               |    | n.a.          |    | 323994               | n.a.      |    | .890       | 22,61 | ●     | .082                      | 2,08 | ✓                              | -          | 6       |
| 26-22        | 0,12-0,41       | n.a.               |    | n.a.          |    | 2-323994-2           | n.a.      |    | .890       | 22,61 | ●     | .082                      | 2,08 | -                              | ✓          |         |
| 24-20        | 0,16-0,65       | n.a.               |    | n.a.          |    | 323975               | n.a.      |    | 1.035      | 26,29 | ○     | .100                      | 2,54 | ✓                              | -          | 6       |
| 22-16        | 0,26-1,65       | n.a.               |    | n.a.          |    | 320559               | n.a.      |    | 1.265      | 32,13 | ●     | .125                      | 3,18 | ✓                              | ✓          | 6       |
| 16-14        | 1,04-2,62       | n.a.               |    | n.a.          |    | 320562               | n.a.      |    | 1.265      | 32,13 | ●     | .150                      | 3,81 | ✓                              | ✓          | 6       |
| 12-10        | 2,62-6,64       | n.a.               |    | n.a.          |    | 320570               | n.a.      |    | 1.656      | 42,06 | ●     | .220                      | 5,59 | ✓                              | ✓          | 6       |

| Stepdown Butt Splice                     |  |      |  |      |  |        |      |  |       |       |   |                        |   |   |  |   |
|--|--|------|--|------|--|--------|------|--|-------|-------|---|------------------------|---|---|--|---|
| 16-14 to 22-18<br>1,04-2,62 to 0,26-0,96 |  | n.a. |  | n.a. |  | 327583 | n.a. |  | 1.265 | 32,13 | ● | .150/.115<br>3,81/2,92 | - | ✓ |  | 5 |
| 12-10 to 22-18<br>2,62-6,64 to 0,26-0,96 |  | n.a. |  | n.a. |  | 327639 | n.a. |  | 1.656 | 42,06 | ● | .220/.140<br>5,59/3,56 | - | - |  | 5 |
| 12-10 to 16-14<br>2,62-6,64 to 1,04-2,62 |  | n.a. |  | n.a. |  | 327638 | n.a. |  | 1.656 | 42,06 | ● | .220/.170<br>5,59/4,32 | - | - |  | 5 |



| Knife Disconnects |           |      |      |      |  |        |      |      |       |      |   |      |      |   |   |  |
|-------------------|-----------|------|------|------|--|--------|------|------|-------|------|---|------|------|---|---|--|
| 22-16             | 0,26-1,65 | .031 | 0,79 | n.a. |  | 320555 | .203 | 5,16 | .878  | 22,3 | ● | .125 | 3,18 | - | ✓ |  |
|                   |           | .031 | 0,79 | n.a. |  | 32446  | .203 | 5,16 | .878  | 22,3 | ● | .140 | 3,56 | ✓ | ✓ |  |
| 16-14             | 1,04-2,62 | .031 | 0,79 | n.a. |  | 32448  | .203 | 5,16 | .878  | 22,3 | ● | .170 | 4,32 | - | ✓ |  |
| 12-10             | 2,62-6,64 | .040 | 1,02 | n.a. |  | 35762  | .281 | 7,14 | 1.260 | 32   | ● | .250 | 6,35 | - | ✓ |  |

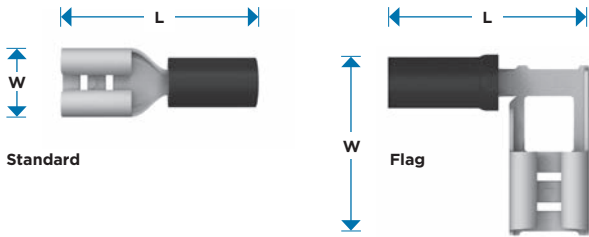


| Wire Pins (formed) |           |      |  |      |  |            |      |      |       |       |   |      |      |   |   |   |
|--------------------|-----------|------|--|------|--|------------|------|------|-------|-------|---|------|------|---|---|---|
| 26-22              | 0,12-0,41 | n.a. |  | n.a. |  | 165514-1   | .045 | 1,14 | .716  | 18,20 | ● | .083 | 2,11 | - | ✓ |   |
| 22-16              | 0,26-1,65 | n.a. |  | n.a. |  | 165142     | .071 | 1,80 | .795  | 20,20 | ● | .142 | 3,60 | ✓ | - |   |
|                    |           |      |  |      |  | 165168     | .071 | 1,80 | .913  | 23,20 | ● | .142 | 3,60 | - | ✓ |   |
| 16-14              | 1,04-2,62 | n.a. |  | n.a. |  | 165046     | .071 | 1,80 | .800  | 20,30 | ● | .170 | 4,30 | - | ✓ |   |
|                    |           |      |  |      |  | 165172     | .071 | 1,80 | .929  | 23,60 | ● | .170 | 4,30 | - | ✓ |   |
| 12-10              | 2,62-6,64 | n.a. |  | n.a. |  | 165049     | .102 | 2,60 | 1.146 | 29,10 | ● | .248 | 6,30 | - | ✓ |   |
|                    |           |      |  |      |  | 9-160404-2 | .138 | 3,50 | 1.319 | 33,50 | ● | .248 | 6,30 | - | ✓ | 3 |



| Wire Pins (flat) |           |      |      |      |  |        |       |      |       |       |   |      |      |   |   |   |
|------------------|-----------|------|------|------|--|--------|-------|------|-------|-------|---|------|------|---|---|---|
| 22-16            | 0,26-1,65 | .031 | 0,80 | n.a. |  | 131331 | .116  | 2,95 | .905  | 23,00 | ● | .142 | 3,60 | - | ✓ | 2 |
| 16-14            | 1,04-2,62 | .031 | 0,80 | n.a. |  | 131330 | .115  | 2,92 | .891  | 22,63 | ● | .170 | 4,30 | - | ✓ | 2 |
| 12-10            | 2,62-6,64 | .040 | 1,02 | n.a. |  | 131332 | 1.614 | 4,10 | 1.150 | 29,20 | ● | .252 | 6,40 | - | - |   |





**FASTON Receptacle (.250/6.35)**

| Wire Size |                 | Material Thickness |      | Tab-Thickness |      | Standard Part Number | Width (W) |      | Length (L) |       | Color | Max. Wire Insulation Dia. |      | Also available in <sup>8</sup> |            | Remarks |
|-----------|-----------------|--------------------|------|---------------|------|----------------------|-----------|------|------------|-------|-------|---------------------------|------|--------------------------------|------------|---------|
| AWG       | mm <sup>2</sup> | inch               | mm   | U.S.          | mm   |                      | inch      | mm   | inch       | mm    |       | inch                      | mm   | Tape & Reel                    | Small Pack |         |
| 22-18     | 0,26 - 0,96     | .018               | 0,46 | .032          | 0,81 | 640903-1             | .300      | 7,62 | .900       | 22,86 | ●     | .140                      | 3,56 | ✓                              | ✓          |         |
| 22-16     | 0,30 - 1,50     | .016               | 0,40 | .032          | 0,81 | 9-160583-2           | .300      | 7,62 | .874       | 22,20 | ●     | .140                      | 3,56 | ✓                              | ✓          | 3       |
| 16-14     | 1,04 - 2,62     | .018               | 0,46 | .032          | 0,81 | 640905-1             | .300      | 7,62 | .900       | 22,86 | ●     | .170                      | 4,32 | ✓                              | ✓          |         |
|           |                 | .016               | 0,40 | .032          | 0,81 | 9-160313-2           | .300      | 7,62 | .913       | 23,20 | ●     | .170                      | 4,32 | ✓                              | ✓          | 3       |
| 12-10     | 2,62 - 6,64     | .018               | 0,46 | .032          | 0,81 | 640907-1             | .300      | 7,62 | 1.012      | 25,70 | ●     | .250                      | 6,35 | ✓                              | ✓          |         |
| 11-10     | 4,00 - 6,00     | .018               | 0,46 | .031          | 0,80 | 160314-2             | .300      | 7,62 | 1.015      | 26,00 | ●     | .250                      | 6,35 | -                              | ✓          | 3       |

**FASTON Flag Receptacle (.250/6.35)**

|       |             |      |      |      |      |          |      |       |      |       |   |      |      |   |   |      |
|-------|-------------|------|------|------|------|----------|------|-------|------|-------|---|------|------|---|---|------|
| 22-18 | 0,30 - 1,00 | .016 | 0,40 | .032 | 0,81 | 156667-1 | .610 | 15,49 | .760 | 19,30 | ● | .140 | 3,56 | - | ✓ | 3. 4 |
| 17-15 | 1,20 - 2,00 | .016 | 0,40 | .032 | 0,81 | 156666-1 | .610 | 15,49 | .760 | 19,30 | ● | .170 | 4,32 | - | ✓ | 3    |

**FASTON Receptacle (.205/5.00)**

|       |             |      |      |      |      |          |      |      |      |       |   |      |      |   |   |  |
|-------|-------------|------|------|------|------|----------|------|------|------|-------|---|------|------|---|---|--|
| 22-18 | 0,26 - 0,96 | .016 | 0,41 | .020 | 0,51 | 640909-1 | .250 | 6,35 | .800 | 20,32 | ● | .140 | 3,56 | ✓ | ✓ |  |
|       |             | .016 | 0,41 | .032 | 0,81 | 640911-1 | .250 | 6,35 | .800 | 20,32 | ● | .140 | 3,56 | ✓ | ✓ |  |
| 16-14 | 1,04 - 2,62 | .016 | 0,41 | .020 | 0,51 | 640913-1 | .250 | 6,35 | .800 | 20,32 | ● | .170 | 4,32 | ✓ | ✓ |  |
|       |             | .016 | 0,41 | .032 | 0,81 | 640915-1 | .250 | 6,35 | .800 | 20,32 | ● | .170 | 4,32 | ✓ | ✓ |  |

**FASTON Receptacle (.187/4.80)**

|       |             |      |      |      |      |            |      |      |      |       |   |      |      |   |   |   |
|-------|-------------|------|------|------|------|------------|------|------|------|-------|---|------|------|---|---|---|
| 26-24 | 0,12 - 0,24 | .016 | 0,41 | .020 | 0,51 | 641321-1   | .230 | 5,84 | .700 | 17,78 | ● | .082 | 2,08 | ✓ | ✓ |   |
| 22-18 | 0,26 - 0,96 | .016 | 0,41 | .020 | 0,51 | 640917-1   | .230 | 5,84 | .800 | 20,32 | ● | .140 | 3,56 | ✓ | ✓ |   |
| 22-15 | 0,30 - 1,50 | .016 | 0,40 | .020 | 0,51 | 9-160481-1 | .226 | 5,74 | .822 | 20,88 | ● | .140 | 3,56 | ✓ | ✓ | 3 |
|       |             | .016 | 0,40 | .031 | 0,80 | 9-160483-1 | .226 | 5,74 | .822 | 20,88 | ● | .140 | 3,56 | ✓ | ✓ | 3 |
| 16-14 | 1,04 - 2,62 | .016 | 0,41 | .020 | 0,51 | 640919-1   | .230 | 5,84 | .800 | 20,32 | ● | .170 | 4,32 | ✓ | ✓ |   |
|       |             | .016 | 0,40 | .020 | 0,50 | 9-160477-2 | .230 | 5,84 | .862 | 21,90 | ● | .170 | 4,30 | ✓ | ✓ | 3 |
|       |             | .016 | 0,40 | .031 | 0,80 | 9-160479-2 | .226 | 5,74 | .862 | 21,90 | ● | .170 | 4,30 | ✓ | ✓ | 3 |

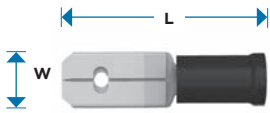
**FASTON Receptacle (.110/2.80)**

|       |             |      |      |      |      |          |      |      |      |       |   |      |      |   |   |   |
|-------|-------------|------|------|------|------|----------|------|------|------|-------|---|------|------|---|---|---|
| 22-18 | 0,26 - 0,96 | .012 | 0,30 | .020 | 0,51 | 61060-1  | .148 | 3,76 | .734 | 18,64 | ○ | .110 | 2,79 | ✓ | ✓ |   |
|       |             | .012 | 0,30 | .032 | 0,81 | 60894-1  | .148 | 3,76 | .734 | 18,64 | ○ | .110 | 2,79 | ✓ | ✓ |   |
| 22-16 | 0,30 - 1,50 | .010 | 0,25 | .031 | 0,80 | 165566-1 | .146 | 3,70 | .780 | 19,80 | ● | .138 | 3,50 | - | ✓ | 3 |
|       |             | .010 | 0,25 | .020 | 0,50 | 165565-1 | .146 | 3,70 | .780 | 19,80 | ● | .138 | 3,50 | ✓ | ✓ | 3 |
| 16-14 | 1,50 - 2,50 | .010 | 0,25 | .020 | 0,51 | 165616-2 | .146 | 3,70 | .780 | 19,80 | ● | .170 | 4,30 | ✓ | ✓ | 3 |
|       |             | .010 | 0,25 | .031 | 0,80 | 165617-2 | .146 | 3,70 | .780 | 19,80 | ● | .170 | 4,30 | ✓ | ✓ | 3 |



**FASTON Receptacle (.110/2.80) Low insertion force**

|       |             |      |      |      |      |            |      |      |      |       |   |      |      |   |   |   |
|-------|-------------|------|------|------|------|------------|------|------|------|-------|---|------|------|---|---|---|
| 26-24 | 0,12 - 0,24 | .016 | 0,41 | .020 | 0,51 | 641324-1   | .160 | 4,06 | .700 | 17,78 | ● | .082 | 2,08 | ✓ | - |   |
| 22-18 | 0,26 - 0,96 | .016 | 0,41 | .016 | 0,41 | 640921-1   | .160 | 4,06 | .800 | 20,32 | ● | .140 | 3,56 | ✓ | - |   |
|       |             | .016 | 0,41 | .020 | 0,51 | 640923-1   | .160 | 4,06 | .800 | 20,32 | ● | .140 | 3,56 | ✓ | ✓ |   |
|       |             | .016 | 0,41 | .032 | 0,81 | 640925-1   | .160 | 4,06 | .800 | 20,32 | ● | .140 | 3,56 | ✓ | ✓ |   |
| 16-14 | 1,04 - 2,62 | .016 | 0,41 | .020 | 0,51 | 640929-1   | .160 | 4,06 | .800 | 20,32 | ● | .170 | 4,32 | ✓ | ✓ |   |
|       |             | .016 | 0,41 | .032 | 0,81 | 640931-1   | .160 | 4,06 | .800 | 20,32 | ● | .170 | 4,30 | ✓ | ✓ |   |
|       |             | .016 | 0,41 | .032 | 0,81 | 9-160313-2 | .160 | 4,06 | .913 | 23,20 | ● | .170 | 4,32 | ✓ | ✓ | 3 |



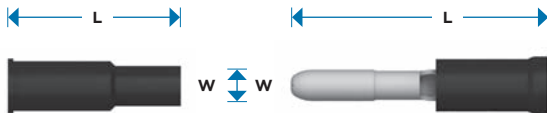
| Tab Terminal |                 |                    |      |               |          |                      |           |       |            |    |       |                           |    |                                |            |         |
|--------------|-----------------|--------------------|------|---------------|----------|----------------------|-----------|-------|------------|----|-------|---------------------------|----|--------------------------------|------------|---------|
| Wire Size    |                 | Material Thickness |      | Tab-Thickness |          | Standard Part Number | Width (W) |       | Length (L) |    | Color | Max. Wire Insulation Dia. |    | Also available in <sup>8</sup> |            | Remarks |
| AWG          | mm <sup>2</sup> | inch               | mm   | U.S.          | mm       |                      | inch      | mm    | inch       | mm |       | inch                      | mm | Tape & Reel                    | Small Pack |         |
| 20-18        | 0,50-1,00       | n.a.               | .031 | 0,80          | 140896-2 | .250                 | 6,35      | .925  | 23,50      | ●  | .130  | 3,30                      | -  | ✓                              | 3          |         |
| 16-14        | 1,30-2,60       | n.a.               | .031 | 0,80          | 140971-2 | .250                 | 6,35      | .925  | 23,50      | ●  | .157  | 4,00                      | -  | ✓                              | 3          |         |
| 11-10        | 4,00-6,00       | n.a.               | .031 | 0,80          | 141085-2 | .250                 | 6,35      | 1.102 | 28,00      | ●  | .224  | 5,70                      | -  | ✓                              | 3          |         |



| TAB (.250 splice for receptacle) |           |      |      |      |            |      |       |       |       |   |      |   |   |      |  |
|----------------------------------|-----------|------|------|------|------------|------|-------|-------|-------|---|------|---|---|------|--|
| 22-10                            | 0,26-6,00 | n.a. | .032 | 0,81 | 1-321235-0 | .409 | 10,39 | 2.625 | 66,68 | ○ | n.a. | - | - | 7, 9 |  |
|                                  |           |      |      |      | 1-321235-1 | .409 | 10,39 | 2.625 | 66,68 | ○ | n.a. | - | - | 7    |  |
|                                  |           |      |      |      | 321235     | .409 | 10,39 | 2.093 | 53,16 | ○ | n.a. | - | - | 7, 9 |  |



| Piggy Back Terminal (.250/6.35) |           |      |      |      |            |      |      |      |       |   |      |      |   |   |   |
|---------------------------------|-----------|------|------|------|------------|------|------|------|-------|---|------|------|---|---|---|
| 22-16                           | 0,26-1,65 | n.a. | .032 | 0,81 | 160834-2   | .250 | 6,35 | .927 | 23,55 | ● | .140 | 3,56 | - | ✓ | 3 |
| 16-14                           | 1,00-2,50 | n.a. | .032 | 0,81 | 9-160463-2 | .250 | 6,35 | .922 | 23,45 | ● | .170 | 4,32 | - | ✓ | 3 |



| Shur Plugs |           |             |      |          |      |      |       |       |   |      |      |   |   |   |  |
|------------|-----------|-------------|------|----------|------|------|-------|-------|---|------|------|---|---|---|--|
| 22-16      | 0,25-1,60 | pin         | n.a. | 165590-1 | .156 | 3,96 | .894  | 22,70 | ● | .138 | 3,50 | - | ✓ |   |  |
| 20-15      | 0,50-1,50 | pin         | n.a. | 141462-1 | .118 | 3,00 | .945  | 24,00 | ● | .134 | 3,40 | - | ✓ |   |  |
|            |           | receptacle  | n.a. | 141456-1 | .118 | 3,00 | .984  | 25,00 | ● | .130 | 3,30 | - | ✓ |   |  |
| 20-16      | 0,50-1,60 | receptacle  | n.a. | 165399-1 | .156 | 3,96 | .902  | 22,90 | ● | .114 | 2,90 | - | ✓ |   |  |
| 16-14      | 1,04-2,62 | pin         | n.a. | 324225   | .156 | 3,96 | .790  | 20,07 | ● | .170 | 4,32 | ✓ | ✓ |   |  |
| 16-14      | 1,04-2,62 | receptacle  | n.a. | 165429-1 | .156 | 3,96 | .972  | 24,70 | ● | .157 | 4,00 | - | ✓ |   |  |
| n.a.       | n.a.      | plug-splice | n.a. | 36840    | .156 | 3,96 | 1.795 | 45,59 | ● | n.a. | n.a. | - | ✓ | 7 |  |

Remarks

- 0 Must be crimped with 22-18 or 22-16 PIDG (red) tooling
- 1 Body Springs Spade : Phosphor Bronze per ASTM B-139
- 2 Body : Copper also according DIN 1787 and EN 1676
- 3 Body : Brass according ASTM B 36
- 4 Sleeve : Nickel Plating per TE 112-25-2
- 5 Adapter inserts can be ordered separately for use in specific standard PIDG Butt Splices
- 6 Mill Specified
- 7 Body : Brass according MIL-C-50
- 8 ✓ Standard Part Number is also available in Tape & Reel and/or Small Pack  
 - Standard Part Number is not in Tape & Reel and/or Small Pack  
**For all applicable part numbers see specification 404-32020 at te.com**
- 9 Cleaned, unplated

For all remarks and additional information see Customer Drawing on [www.te.com](http://www.te.com)

## FREQUENTLY ASKED QUESTIONS

### Can wires be combined in PIDG terminals & splices?

Yes they can as long total CMA (Circular Mil Area) and insulation diameter fall within specification.

### Are TE terminals MIL specified?

Yes, most of them meet or exceed MIL-T-7928, Type II, class 1 & 2.

### What to choose if you need higher temperature?

Use TE STRATO-THERM terminals (catalog 82011).

### Why can PIDG terminals just handle 300V and PLASTI-GRIP terminals 600 V?

Because the additional copper sleeve is close to the end of the sleeve (see picture).

### What is the advantage of this copper sleeve?

It provides circumferential insulation support to the wire and allows the wire to bend in any direction, without fraying the wire's insulation or breaking the conductor.

### Why is there no crimpheight given for PIDG terminals?

It is the geometry of the TE crimping tools which guarantees the perfect crimp on PIDG terminals.

## TOOLING

### Field/Service Tool

169060-8

### Commercial tooling

Most terminals can be terminated with handtool 58433-3

58423-1 (fits in handtool 354940-1)

169404 (fits in handtool 169400)

### Premium tooling

For all FASTON terminals, except below: 59824-1

For wire sizes AWG 26-24: 48518-2

For standard .110 FASTON terminals AWG 22-18: 90185-1

Remaining:

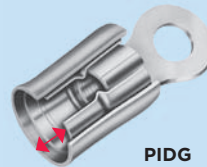
AWG 26-24: 46121      AWG 22-16: 47386(-4) or 59250

AWG 26-22: 46121      AWG 16-14: 47387(-7) or 59250

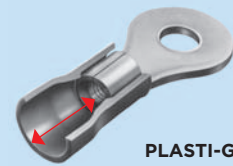
AWG 24-20: 47907-1      AWG 12-10: 59239-4

<http://tooling.te.com/europe/handtools.asp>

<http://www.te.com>



PIDG



PLASTI-GRIP

## FOR MORE INFORMATION

### TE Technical Support Center

Internet: [te.com/help](http://te.com/help)

USA: +1 (800) 522-6752

Canada: +1 (905) 475-6222

Mexico: +52 (0) 55-1106-0800

Latin/S. America: +54 (0) 11-4733-2200

Germany: +49 (0) 6251-133-1999

UK: +44 (0) 800-267666

France: +33 (0) 1-3420-8686

Netherlands: +31 (0) 73-6246-999

China: +86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant\*, unless marked otherwise.

\*as defined [www.te.com/leadfree](http://www.te.com/leadfree)

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