



PLASTI-GRIP

TE Internal #: 160136

Closed Ring Tongue Terminal, 16 – 14 AWG, M10 Stud, 10.5 mm [.413 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PLASTI-GRIP

[View on TE.com >](#)

Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 2050 – 5180 CMA

Stud Size: M10

Features

Product Type Features

|                            |                             |
|----------------------------|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size                  | M10                         |
| Sealable                   | No                          |

|                                        |                    |
|----------------------------------------|--------------------|
| Wire Insulation Support Retention Type | Insulation Support |
|----------------------------------------|--------------------|

Configuration Features

|                 |   |
|-----------------|---|
| Number of Holes | 1 |
|-----------------|---|

Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Body Features

|                |        |
|----------------|--------|
| Product Weight | .185 g |
|----------------|--------|

Contact Features

|                           |          |
|---------------------------|----------|
| Barrel Type               | Closed   |
| Terminal Orientation      | Straight |
| Terminal Plating Material | Tin      |

Mechanical Attachment



|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                      |                            |
|--------------------------------------|----------------------------|
| Wire Size                            | 2050 – 5180 CMA            |
| Stud Diameter                        | 10.5 mm[.413 in]           |
| Tongue Thickness                     | .79 mm[.031 in]            |
| Product Length                       | 31.6 mm[1.244 in]          |
| Compatible Insulation Diameter (Max) | 4.9 mm[.193 in]            |
| Compatible Insulation Diameter Range | 3 – 4.9 mm[.118 – .193 in] |

Operation/Application

|                                       |        |
|---------------------------------------|--------|
| Compatible With Wire Base Material    | Copper |
| Compatible With Wire Plating Material | Tin    |

Industry Standards

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 500         |
| Packaging Method   | Loose Piece |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                  |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products



will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|                                              |                                              |                                                             |                                                             |
|----------------------------------------------|----------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
|                                              |                                              |                                                             |                                                             |
| TE Part # 58423-1<br>DIE, RBY IS9252         | TE Part # 58433-3<br>PRO CR ASSY, RBY IS9252 | TE Part # 2392022-1<br>BLUE BATTERY DAHT KIT 110V (47387-7) | TE Part # 169404<br>CERTI-LOK DIE                           |
|                                              |                                              |                                                             |                                                             |
| TE Part # 47387-7<br>DAHT PG PIDG 16-12 ASSY | TE Part # 525691<br>DAHT PG PIDG 16-14 ASSY  | TE Part # 59824-1<br>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY  | TE Part # 2392022-2<br>BLUE BATTERY DAHT KIT 220V (47387-7) |
|                                              |                                              |                                                             |                                                             |
| TE Part # 169400<br>CERTI-LOK FRAME W/O DIES | TE Part # 47387<br>DAHT PG PIDG 20-14 ASSY   | TE Part # 5-1377175-6<br>SMP 0-0160136-0                    |                                                             |

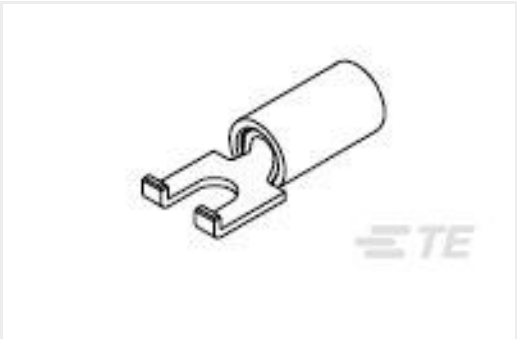
Also in the Series | PLASTI-GRIP

|                           |                                      |                     |                      |
|---------------------------|--------------------------------------|---------------------|----------------------|
|                           |                                      |                     |                      |
| Compression Connectors(3) | Crimp Wire Pins, Tabs & Ferrules(20) | Ring Terminals(310) | Spade Terminals(158) |



Splices(45)

Customers Also Bought



TE Part #160212  
P.G. SPADE FLG



TE Part #1SET411018R0000  
WD-1-DP-GR6060



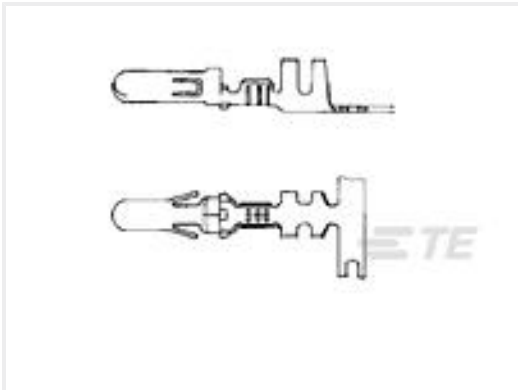
TE Part #1SNA105135R1100  
M4/8.SF2



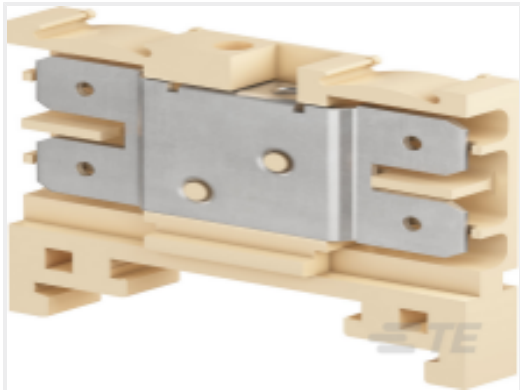
TE Part #328998  
TERMINAL,PIDG R 16-14 5/16



TE Part #691437-000  
B-500-06-01



TE Part #927841-2  
MNL STIFT 3,5 MM



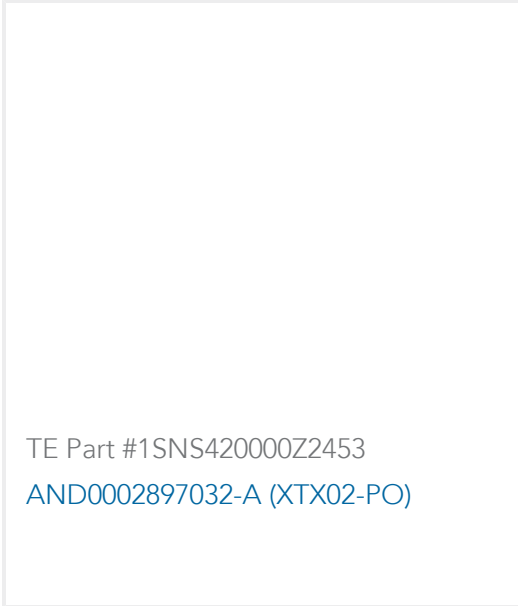
TE Part #1SNA160487R2500  
HD2.5/6.2G.2G.1



TE Part #1SNA114836R0000  
BAMH



TE Part #1-1623774-3  
C14 100K 5% (LOOSE)



TE Part #1SNS420000Z2453  
AND0002897032-A (XTX02-PO)

Documents

Product Drawings

TERM, RING, PLASTI-GRIP, 16-14, M10

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_160136\_F.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_160136\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_160136\\_F.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL](#)

English