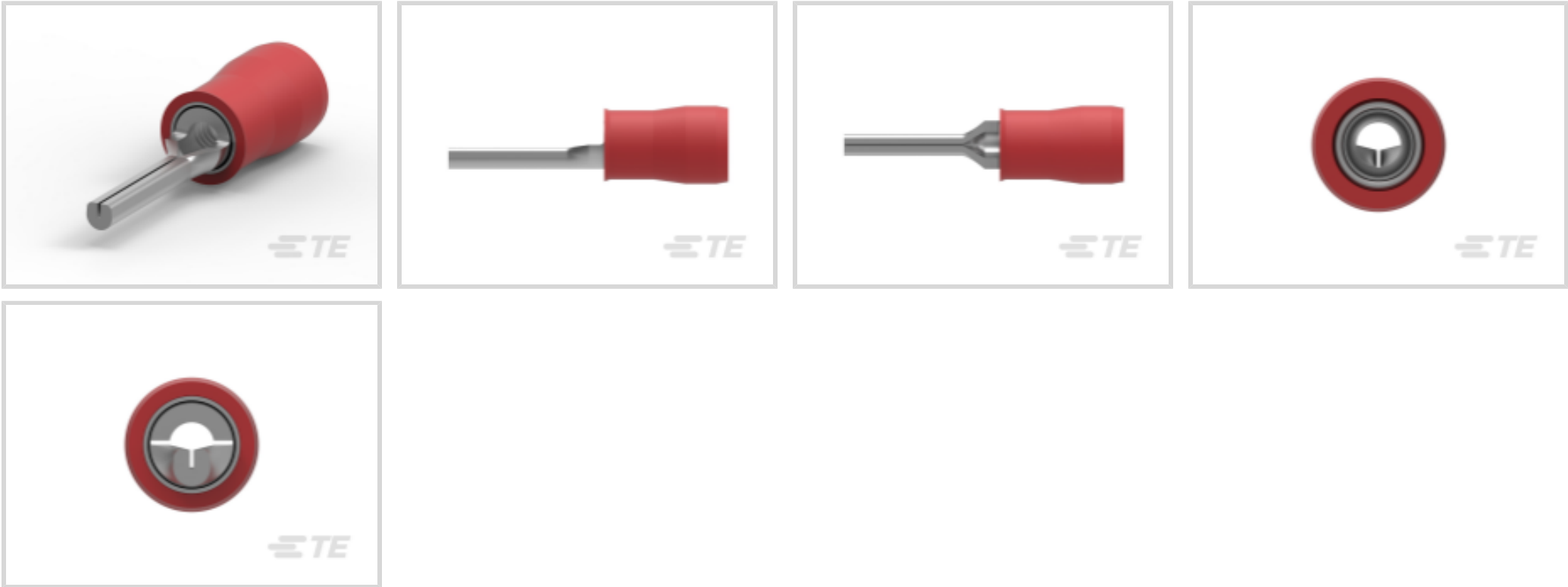




PIDG

TE Internal #: 165168  
Wire Pin, 1.8 mm [.07 in] Pin Diameter, 22 – 16 AWG, .3 – 1.42 mm<sup>2</sup>  
Wire, 493 – 3158 CMA, Closed Barrel, Tin Plating, 23 mm [.906 in]  
Length, PIDG  
[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules > PIDG Formed Wire Pins



Crimp Wire Terminal Type: **Wire Pin**  
Mating Pin Diameter: **1.8 mm [.07 in]**  
Compatible Insulation Diameter Range: **3.56 mm [.14 in]**  
Wire Size: **.3 – 1.42 mm<sup>2</sup>**

[All PIDG Formed Wire Pins \(6\)](#)

Features

Product Type Features

|                                        |                    |
|----------------------------------------|--------------------|
| Sealable                               | No                 |
| Compatible With Discrete Wire Type     | Stranded           |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Body Features

|                       |       |
|-----------------------|-------|
| Sleeve Material       | Nylon |
| Primary Product Color | Red   |
| Insulation Material   | Nylon |

Contact Features

|                            |                  |
|----------------------------|------------------|
| Contact Mating Area Length | 9.9 mm[.39 in]   |
| Contact Fabrication        | Stamped & Formed |
| Crimp Wire Terminal Type   | Wire Pin         |



|                           |                |
|---------------------------|----------------|
| Mating Pin Diameter       | 1.8 mm[.07 in] |
| Barrel Type               | Closed         |
| Terminal Plating Material | Tin            |
| Contact Shape & Form      | Round          |
| Terminal Orientation      | Straight       |

Mechanical Attachment

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

Dimensions

|                                      |                 |
|--------------------------------------|-----------------|
| DIN Wire Size                        | .5 – 1 mm²      |
| Compatible Insulation Diameter Range | 3.56 mm[.14 in] |
| Wire Size                            | 493 – 3158 CMA  |
| Barrel Inside Diameter               | 3.7 mm[.145 in] |
| Terminal Material Thickness          | .79 mm[.031 in] |
| Overall Product Length               | 23 mm[.906 in]  |

Usage Conditions

|                   |                     |
|-------------------|---------------------|
| Insulation Option | Partially Insulated |
|-------------------|---------------------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

Product Compliance

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

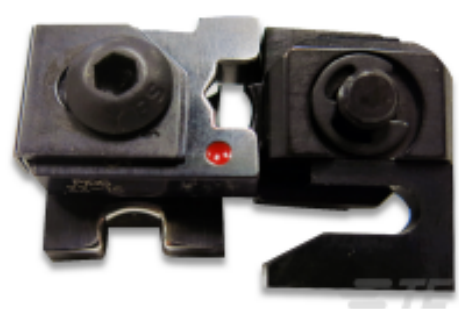
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                           |
| 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

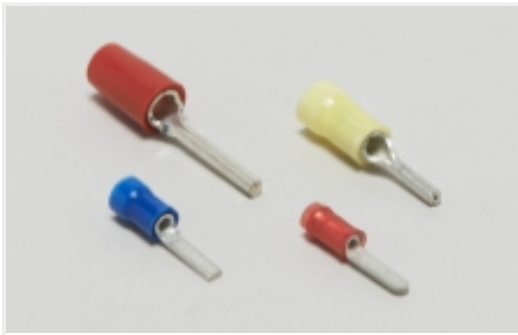
|                                                                                                                                                        |                                                                                                                                        |                                                                                                                                                          |                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 47806-2<br/>DIE PIDG 22-16 DIE SET</p>                |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>       |  <p>TE Part # 47386<br/>DAHT PG PIDG 26-16 ASSY</p>                 |  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p> |
|  <p>TE Part # 169400<br/>CERTI-LOK FRAME W/O DIES</p>               |  <p>TE Part # 59250<br/>T-HEAD PIDG 26-14 ASSY</p> |  <p>TE Part # 696273-2<br/>TERM, WIRE PIN, PIDG, 22-16, T&amp;R</p> |  <p>TE Part # 59300<br/>T-HEAD PIDG PG 26-16 ASSY</p> |
|  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>       |  <p>TE Part # 169404<br/>CERTI-LOK DIE</p>                          |  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>   |

Also in the Series | PIDG





Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



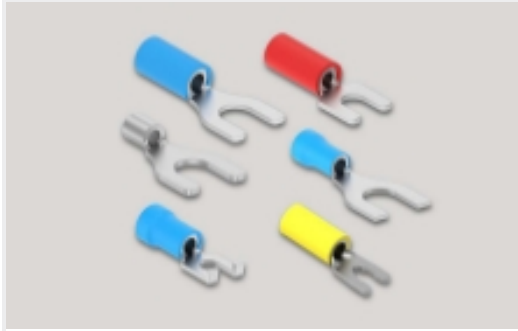
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

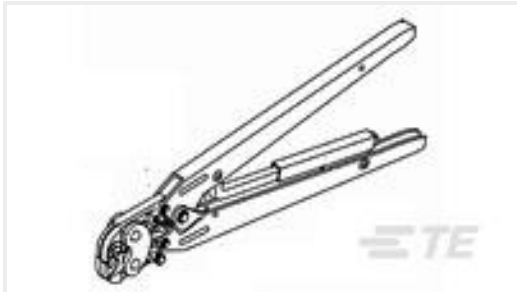
Customers Also Bought



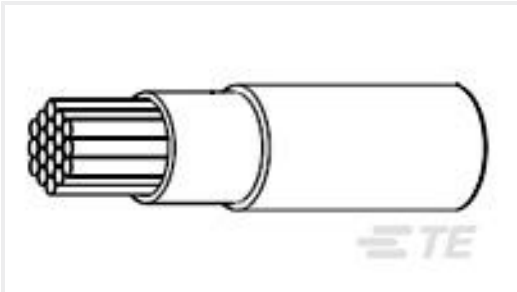
TE Part #165301  
SOLIS DIN 4.0-6.0 R M4



TE Part #CAT-HST-CGPT1  
CGPT 2:1 Heat Shrink Tubing



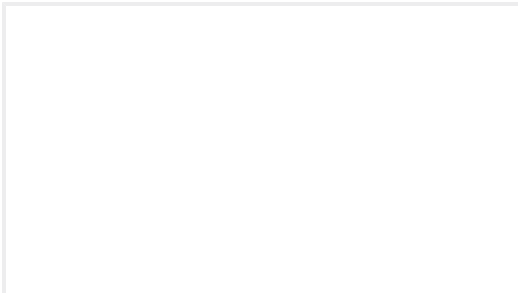
TE Part #525651  
DAHT POSITIVE LOCK 18-11 ASSY



TE Part #709739-000  
FLDWC0311-18-6



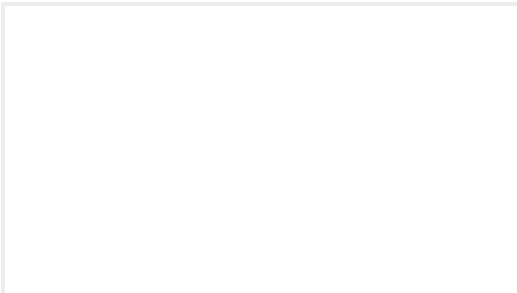
TE Part #2-1437719-1  
T01-0550-P05-MALE PLUG  
CONNECTOR SOLDER



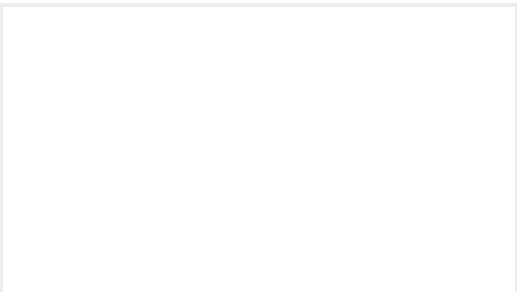
TE Part #3-1532005-5  
131-0138-0001=RCPT,BULKHEADGC



TE Part #405266-000  
CG185M12X12/1



TE Part #CU9834-001  
SCS-500-43/8-150



TE Part #5-1437720-3  
T01-500-3.5=INDUSTRIAL CONNECT

Documents





Product Drawings

TERM, WIRE PIN, PIDG, 22-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_165168\_K.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_165168\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_165168\_K.3d\_stp.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_165168\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_165168\_F.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_165168\_F.2d\_dxf.zip

English

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

Datasheets & Catalog Pages

PIDG TERMINALS & SPLICES Quick Reference Guide

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English