

53549-1 ✓ ACTIVE

PIDG

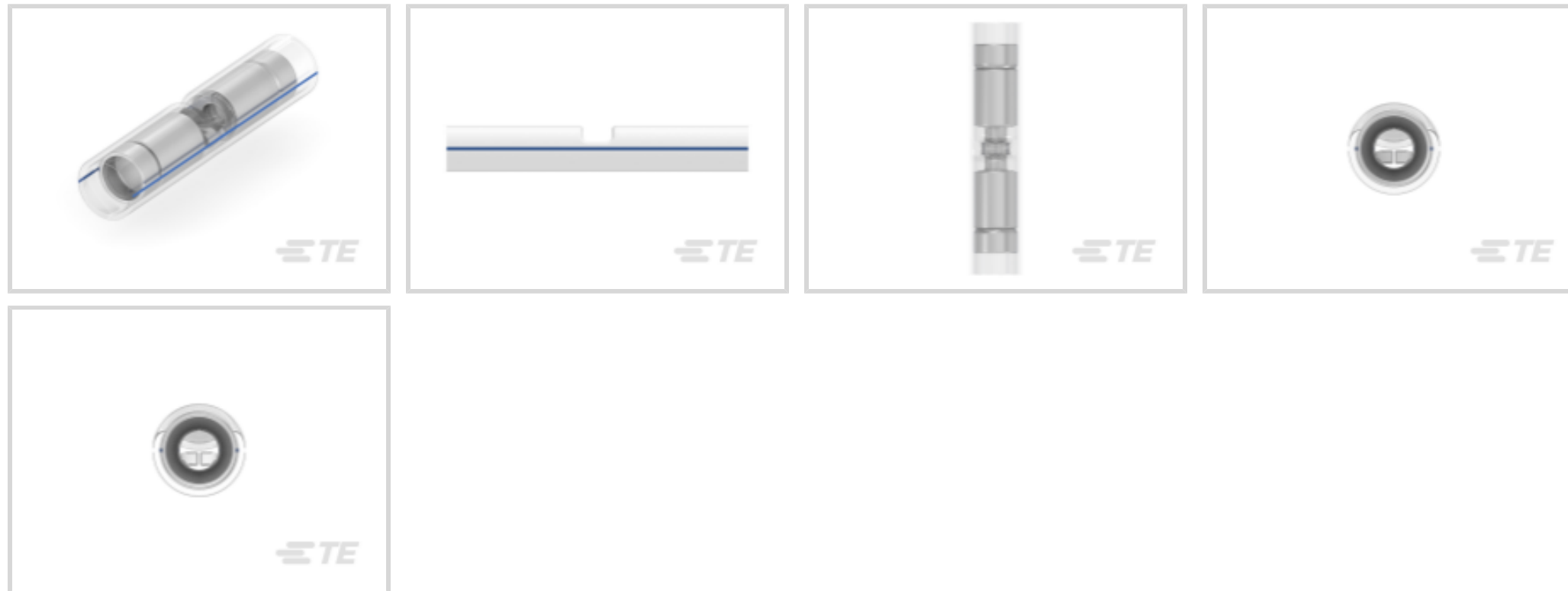
TE Internal #: 53549-1

Splices, Butt Splice, 16 – 14 AWG Wire Size, 1.25 – 2 mm² Wire Size, Serrated, .085 in [2.16 mm] Barrel Inside Diameter, PIDG

[View on TE.com >](#)



Terminals & Splices > Splices > PIDG Butt Splices



Wire Size: 1.25 – 2 mm²

Sealable: No

Splice Features: **Serrated**

Compatible Insulation Diameter Range: 3.81 mm [.15 in]

[All PIDG Butt Splices \(27\)](#)

Features

Product Type Features

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

Configuration Features

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

Body Features

| | |
|------------------------------------|----------|
| Product Weight | 3.402 g |
| Insulation Support Sleeve Material | Copper |
| Insulation Material | PVF2 |
| Splice Features | Serrated |

Contact Features

| | |
|---------------------------|----------|
| Military Part Class | Class I |
| Terminal Plating Material | Tin-Lead |



| | |
|-----------------------|--------|
| Contact Base Material | Copper |
| Barrel Type | Closed |

Mechanical Attachment

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

Dimensions

| | |
|--------------------------------------|--------------------|
| Wire Size | 2050 – 5180 CMA |
| Compatible Insulation Diameter Range | 3.81 mm[.15 in] |
| Barrel Inside Diameter | 2.16 mm[.085 in] |
| Product Length | 32.14 mm[1.265 in] |

Usage Conditions

| | |
|-----------------------------|-----------------|
| Insulation Option | Fully Insulated |
| Operating Temperature Range | 150 °C[302 °F] |

Industry Standards

| | |
|-----------------------------|-----|
| Government Qualified Splice | Yes |
|-----------------------------|-----|

Packaging Features

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

Product Compliance










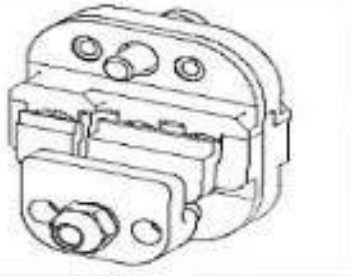
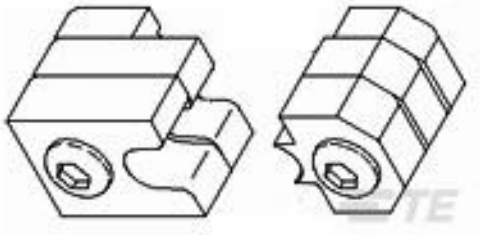

[For compliance documentation, visit the product page on TE.com>](#)

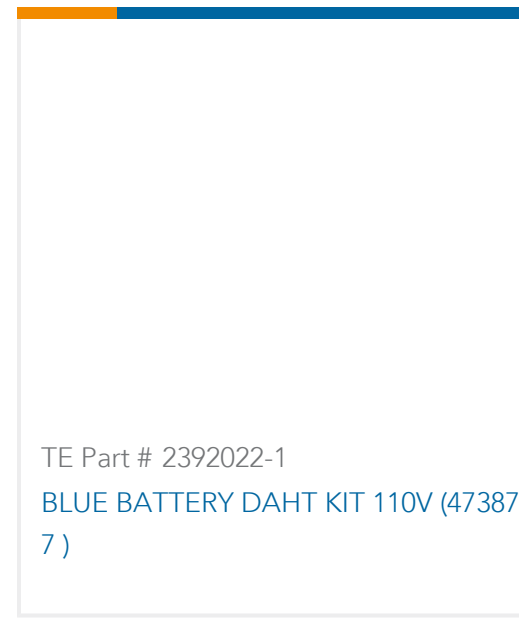
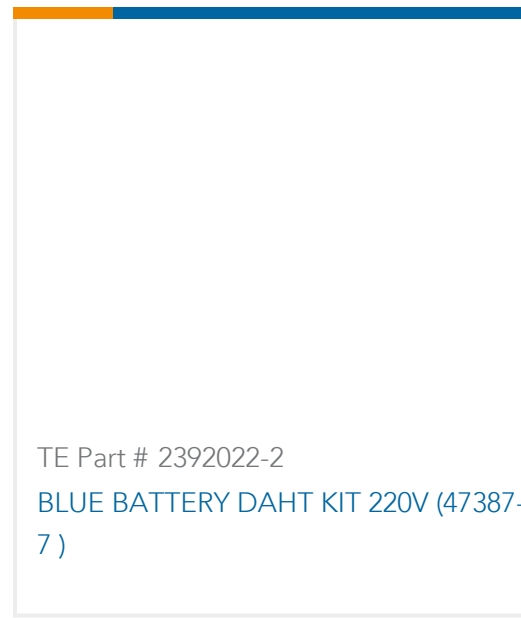
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

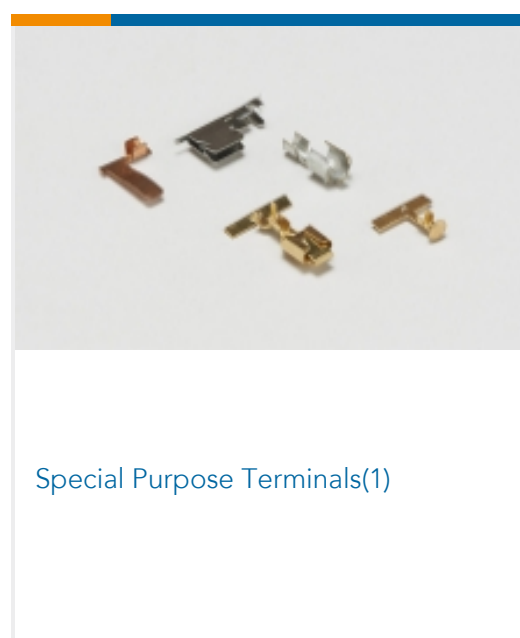
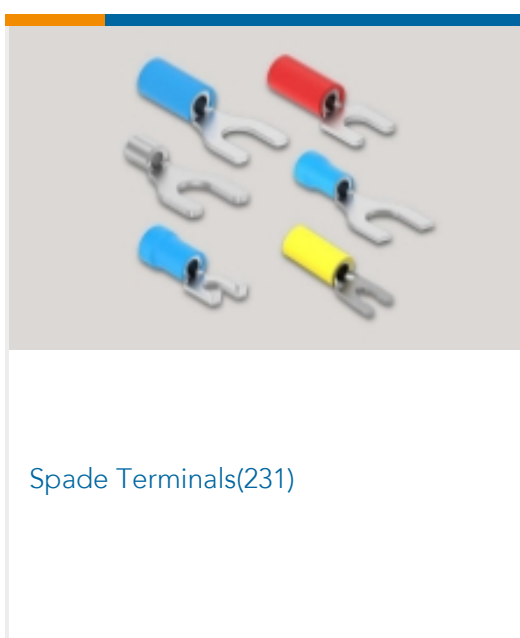
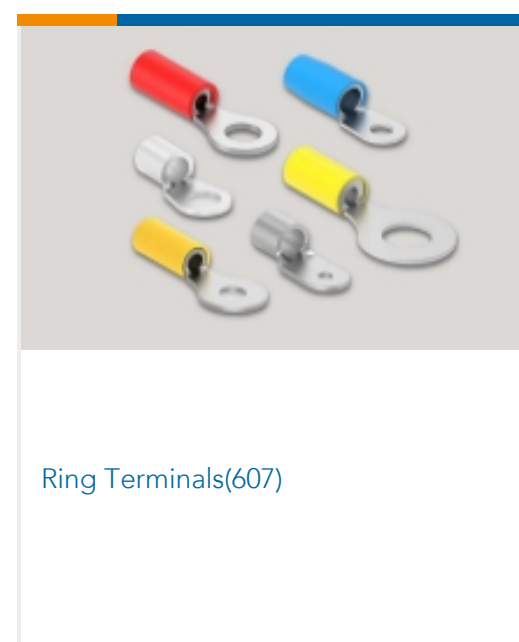
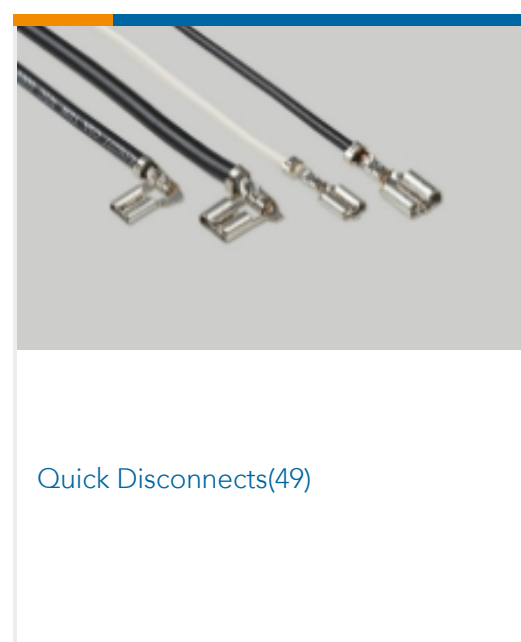
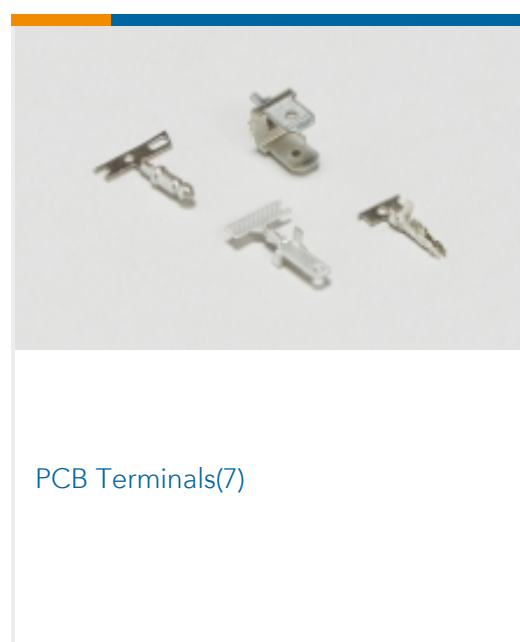
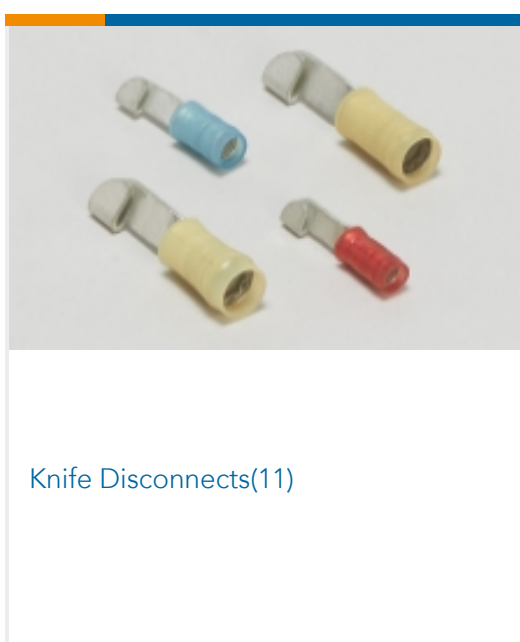
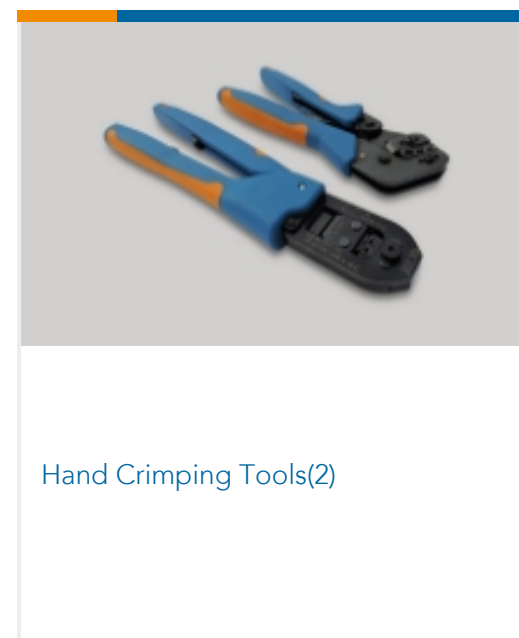
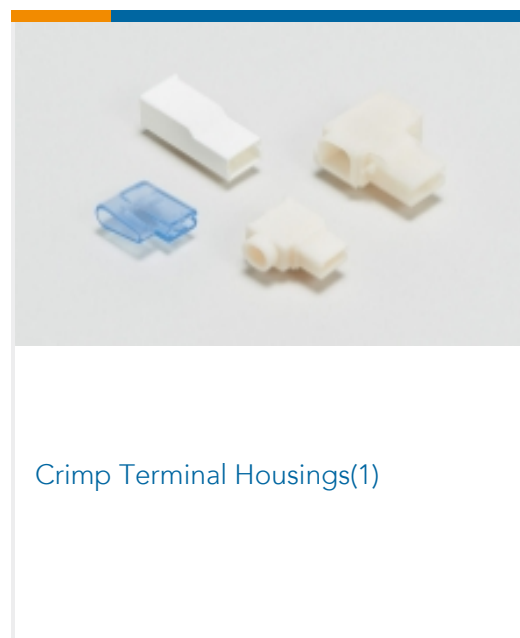
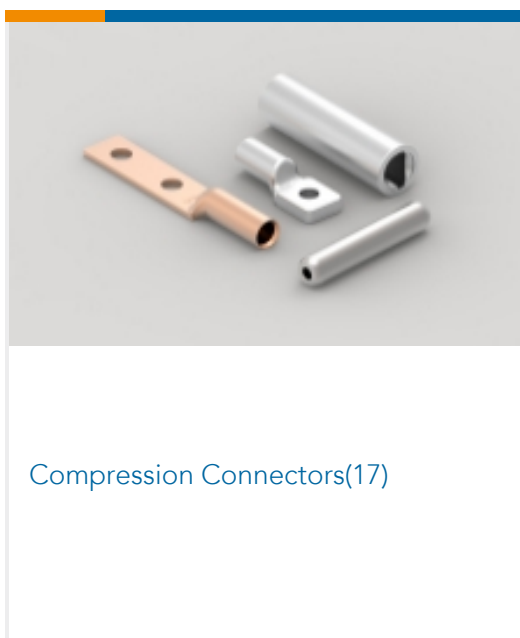
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 59170 T-HEAD PIDG SH 26-14 ASSY</p> |  <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p> |  <p>REPRESENTATION ONLY</p> <p>TE Part # 47387 DAHT PG PIDG 20-14 ASSY</p> |
|  <p>TE Part # 58423-1 DIE, RBY IS9252</p> |  <p>REPRESENTATION ONLY</p> <p>TE Part # 47387-7 DAHT PG PIDG 16-12 ASSY</p> |  <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p> |  <p>REPRESENTATION ONLY</p> <p>TE Part # 525691 DAHT PG PIDG 16-14 ASSY</p> |
|  <p>TE Part # 539691-2 ERGO DIE R.B.Y</p> |  <p>TE Part # 2063030-1 SDE DIESET, RBY, UL</p> |  <p>TE Part # 47807-1 DIES PIDG 16-14 DIE SET</p> |  <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p> |



Also in the Series | PIDG



Customers Also Bought



TE Part #325405
AMPPOWER Lug Crimp Terminal, 1
Stud Hole



TE Part #53418-1
PIDG Radiation Resistant C Rings
/Spades



TE Part #53681-2
TERMINAL, AMPPOWER 2/0 1/2



TE Part #53087
SPLICE, AMPPOWER BUTT 350MCM

Documents

Product Drawings

[SPLICE BUTT PVF2 PIDG 16-14](#)

English

CAD Files

Customer View Model

[ENG_CVM_53549-1_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_53549-1_M.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_53549-1_M.2d_dxf.zip](#)

English

[3D PDF](#)

English

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

Datasheets & Catalog Pages

[RADIATION_RESISTANT_PRE-INSULATED_TERMINALS_SPLICES](#)

English

[Standard Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English