

327638 ✓ ACTIVE



PIDG

TE Internal #: 327638

Splices, Butt Splice, 12 – 10 AWG / 16 – 14 AWG Wire Size, 2.62 – 6.64 mm² / 1.04 – 2.62 mm² Wire Size, Serrated, Copper, Yellow - Translucent, PIDG

[View on TE.com >](#)

Terminals & Splices > Splices > PIDG Stepdown Butt Splices



Wire Size: 1.04 – 2.62 mm², 2.62 – 6.64 mm²

Sealable: No

Splice Features: **Serrated**

Contact Base Material: **Copper**

[All PIDG Stepdown Butt Splices \(6\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|-----------------------------------|---------------|
| Number of Serrations | 8 |
| Compatible With Wire & Cable Type | Discrete Wire |

Electrical Characteristics

| | |
|-------------------|-------|
| Operating Voltage | 300 V |
|-------------------|-------|

Body Features

| | |
|-----------------------|----------------------|
| Insulation Type | Pre-Insulated |
| Insulation Material | Nylon |
| Splice Features | Serrated |
| Primary Product Color | Yellow - Translucent |

Contact Features

| | |
|--|--|
| | |
|--|--|



| | |
|---------------------------|--------|
| Terminal Plating Material | Tin |
| Contact Base Material | Copper |
| Barrel Type | Closed |

Mechanical Attachment

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

Dimensions

| | |
|-----------------------------|---|
| Recovered Inside Diameter | 2.16 mm[.085 in] |
| Outside Diameter | 5.64 mm[.222 in] |
| Wire Size | 1.04 – 2.62 mm ² , 2.62 – 6.64 mm ² |
| Terminal Material Thickness | .51 mm[.02 in] |
| Product Length | 42.06 mm[1.656 in] |

Usage Conditions

| | |
|-----------------------------|-----------------|
| Insulation Option | Fully Insulated |
| Operating Temperature Range | 105 °C[221 °F] |

Industry Standards

| | |
|-----------------------------|----|
| Government Qualified Splice | No |
|-----------------------------|----|

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 50 |
| Packaging Method | Loose Piece |

Product Compliance






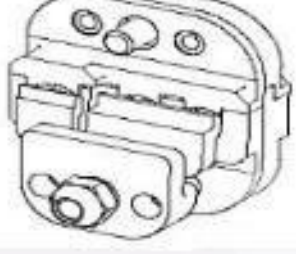

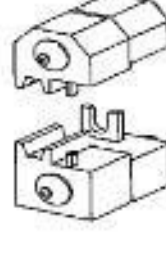
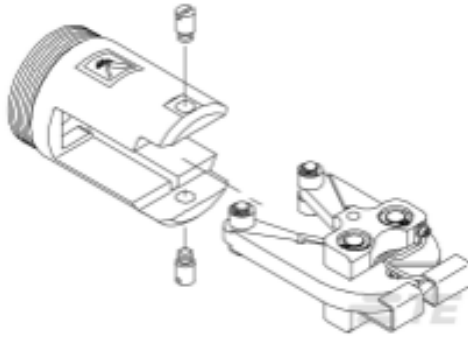

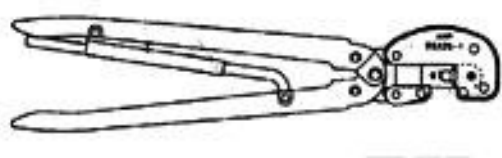

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

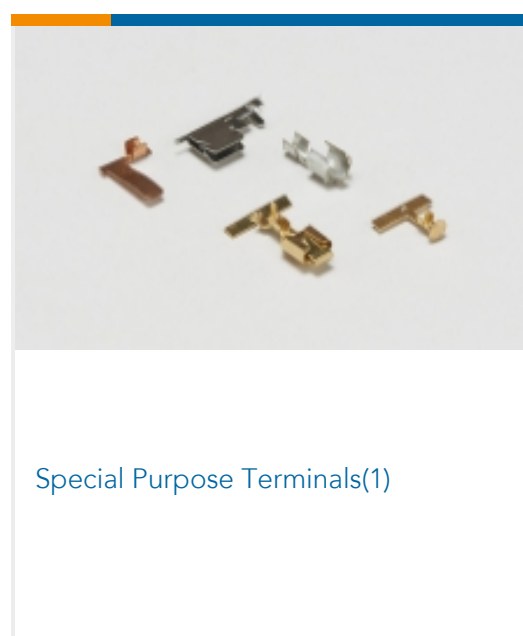
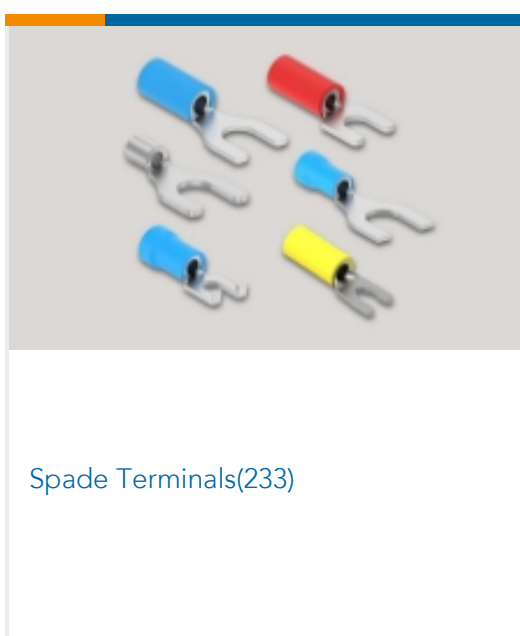
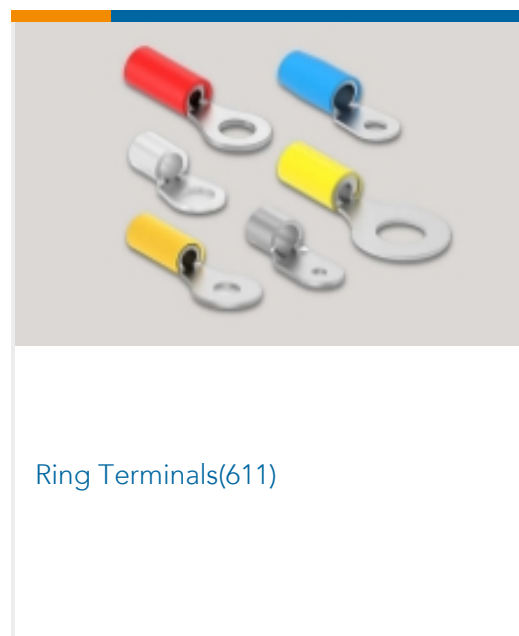
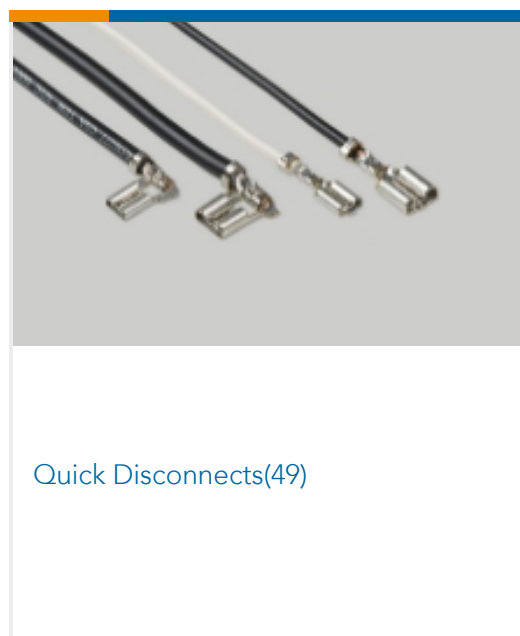
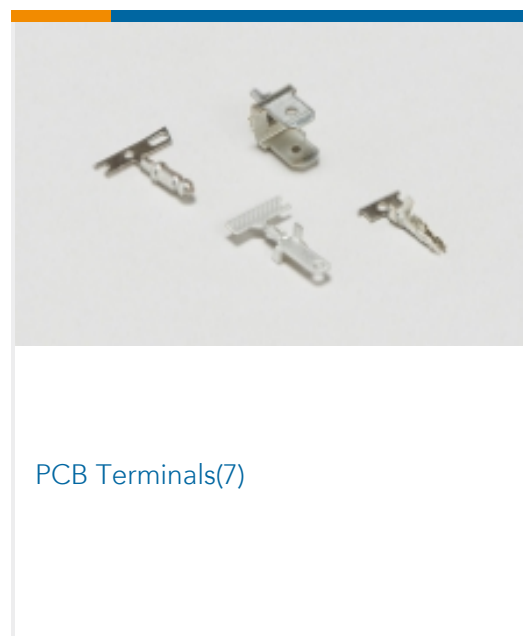
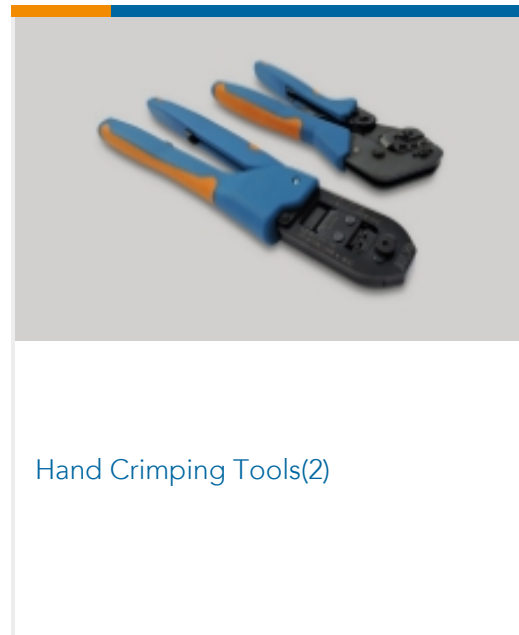
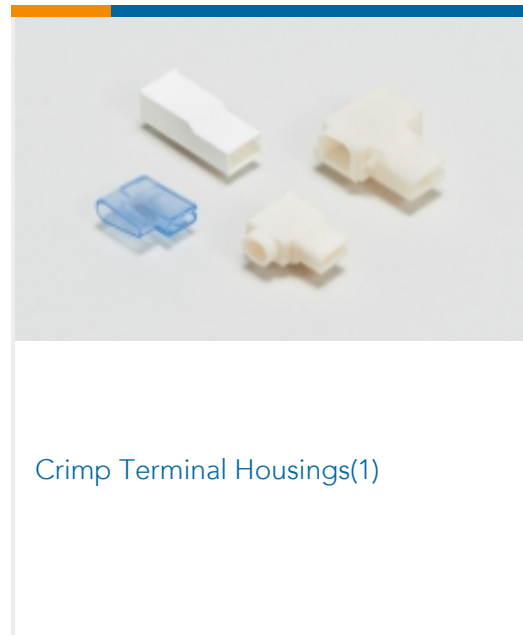
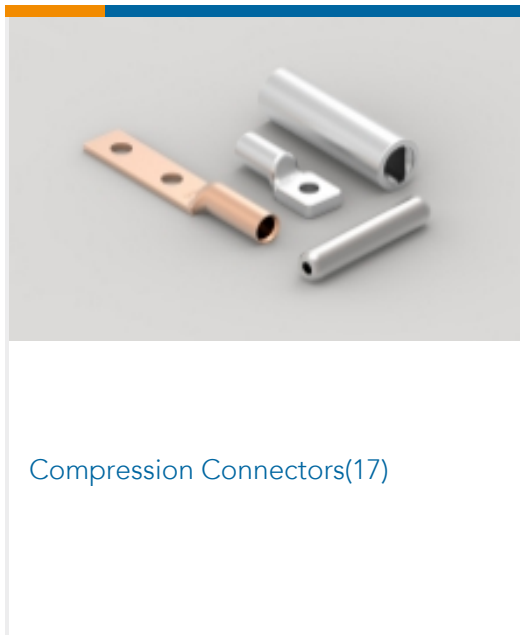
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

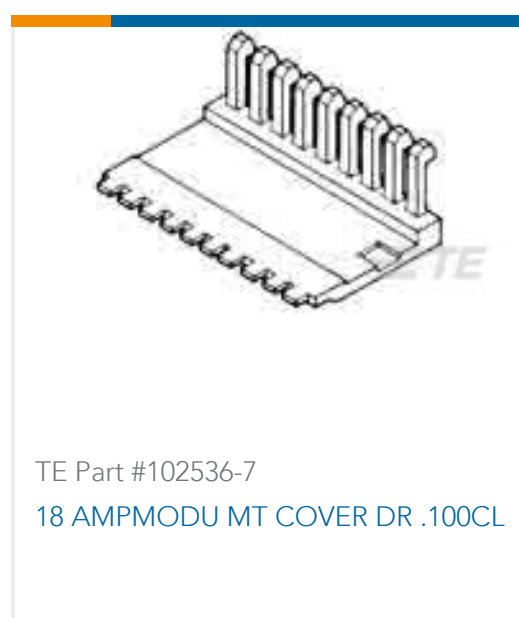
| | | | |
|--|---|---|--|
|  <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |  <p>TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY</p> |  <p>TE Part # 58423-1 DIE, RBY IS9252</p> |  <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p> |
|  <p>TE Part # 539691-2 ERGO DIE R.B.Y</p> |  <p>TE Part # 2063030-1 SDE DIESET, RBY, UL</p> |  <p>TE Part # 2217330-1 KIT, BTLI, 4 TON, NA</p> |  <p>TE Part # 47808-6 DIES PIDG 12-10 DIE SET</p> |
|  <p>TE Part # 679300-1 1210 PIDG CRIMP HEAD</p> |  <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p> |  <p>TE Part # 1-59239-4 HHHT PIDG 16-10 HEAD</p> |  <p>TE Part # 1SET191001R0000 CRIMP-HT</p> |



Also in the Series | PIDG



Customers Also Bought

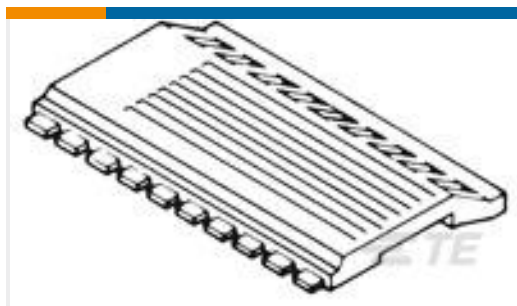




TE Part #5-102398-7
18 AMPMODU MT ASSY DR .100CL



TE Part #41346
RING TERMINAL 18-14 AWG NPSTL



TE Part #102541-5
14 AMPMODU MT COVER DR .100CL



TE Part #1-1423164-9
7022PB=RLY,STD,OFF,2P,125VDC,5



TE Part #3-1904131-0
V23134B4052X546-EV-CBOX

Documents

Product Drawings

[SPLICE BUTT PIDG 12-10/16-14](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_327638_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_327638_M.3d_igs.zip](#)

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[ENG_CVM_CVM_327638_M.3d_stp.zip](#)

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English



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Datasheets & Catalog Pages

[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English