



PIDG

TE Internal #: 320559

Splices, Butt Splice, 22 – 16 AWG Wire Size, .3 – 1.42 mm² Wire Size, Serrated, 509 – 3260 CMA Wire Size, Copper, Red - Translucent, 8 Serration, PIDG

[View on TE.com >](#)

Terminals & Splices > Splices > PIDG Butt Splices



Wire Size: .3 – 1.42 mm²

Sealable: No

Splice Features: **Serrated**

Compatible Insulation Diameter Range: 3.18 mm [.125 in]

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

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 |

Body Features

| | |
|-----------------------|-------------------|
| Product Weight | 1.48 g |
| Insulation Material | Nylon |
| Splice Features | Serrated |
| Primary Product Color | Red - Translucent |



Contact Features

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|---------------------------|---------|
| Military Part Class | Class I |
| Terminal Plating Material | Tin |
| Contact Base Material | Copper |
| Barrel Type | Closed |

Mechanical Attachment

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

Dimensions

| | |
|--------------------------------------|--------------------|
| Wire Size | 509 – 3260 CMA |
| Compatible Insulation Diameter Range | 3.18 mm[.125 in] |
| Terminal Material Thickness | .46 mm[.018 in] |
| Product Length | 32.13 mm[1.265 in] |

Usage Conditions

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

Industry Standards

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

Packaging Features

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

Other

| | |
|-----------------------------|--|
| Terminals & Splices Comment | Marking: Commercial 22-16- Military 22-18 in accordance with MIL-T-7928. |
|-----------------------------|--|

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: JAN 2023 (233) Does not contain REACH SVHC |










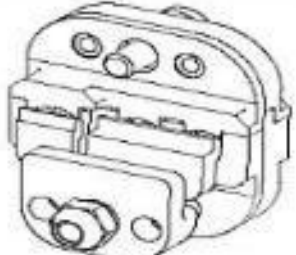
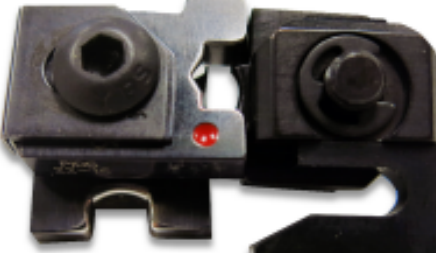

| | |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|---|

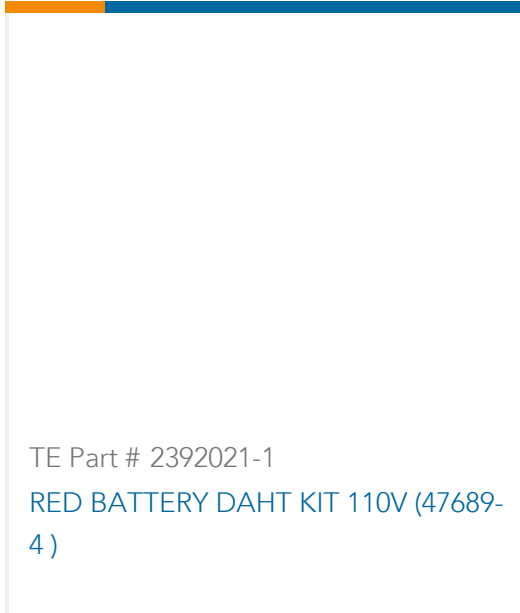
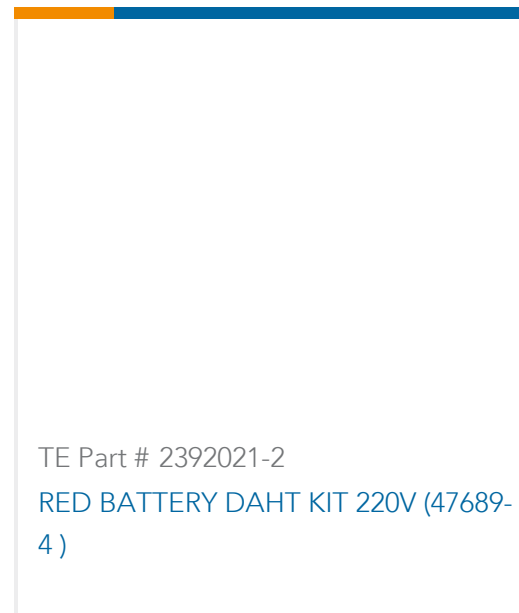
| | |
|---------------------------|--|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|--|

Product Compliance Disclaimer

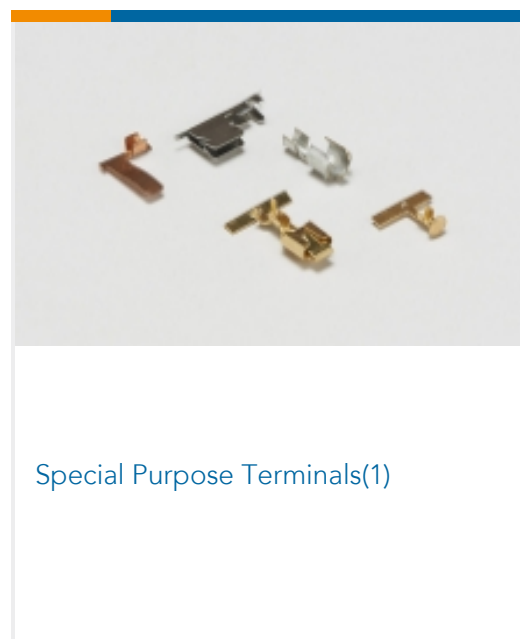
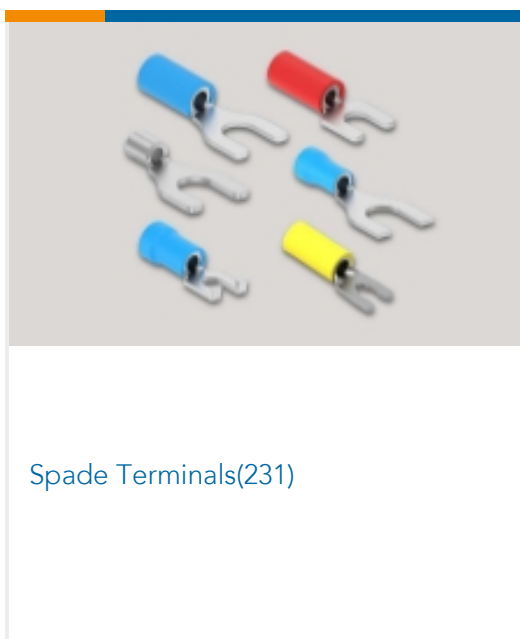
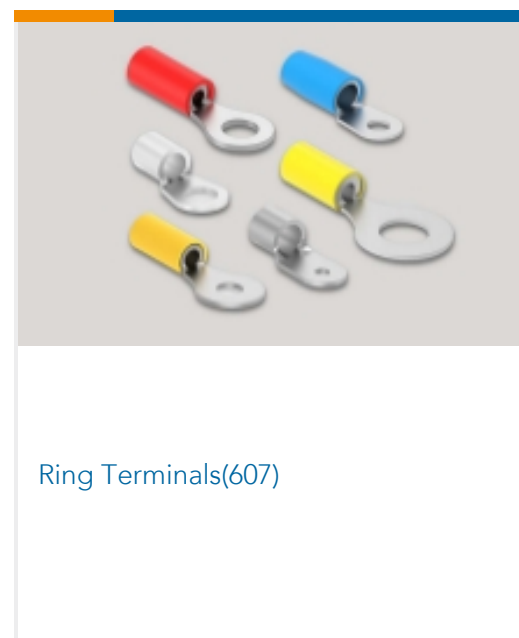
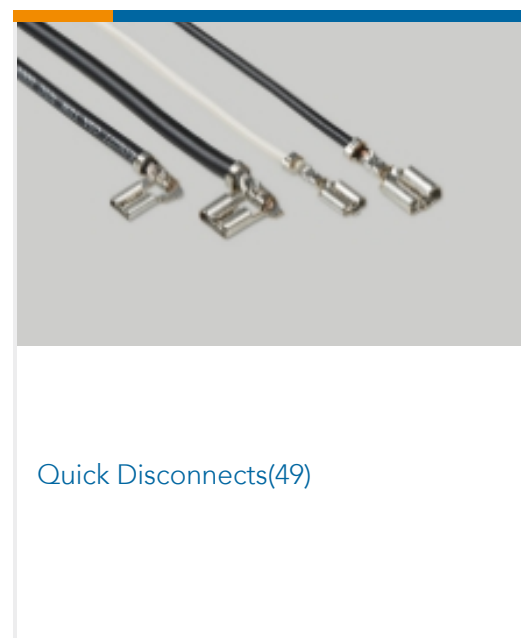
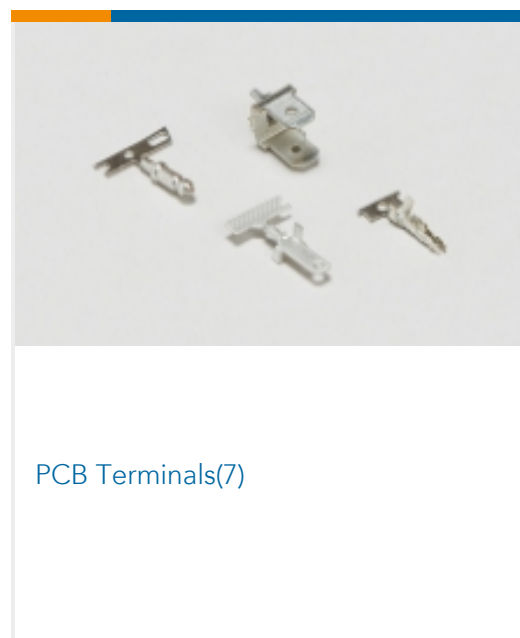
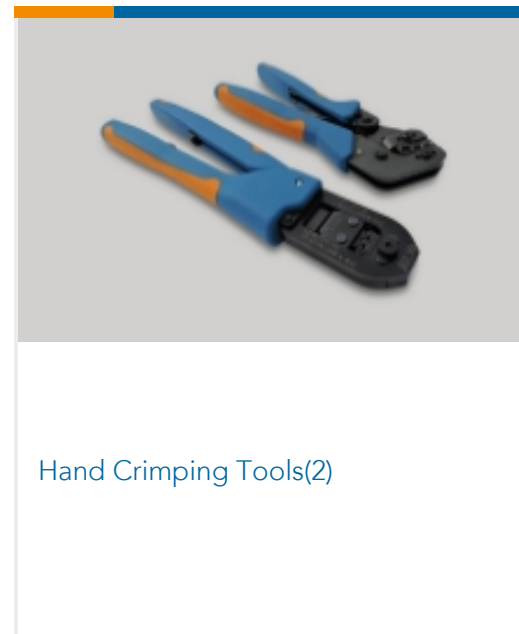
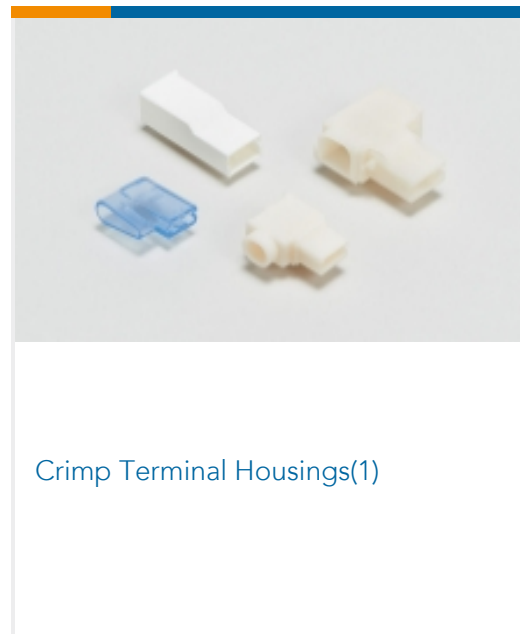
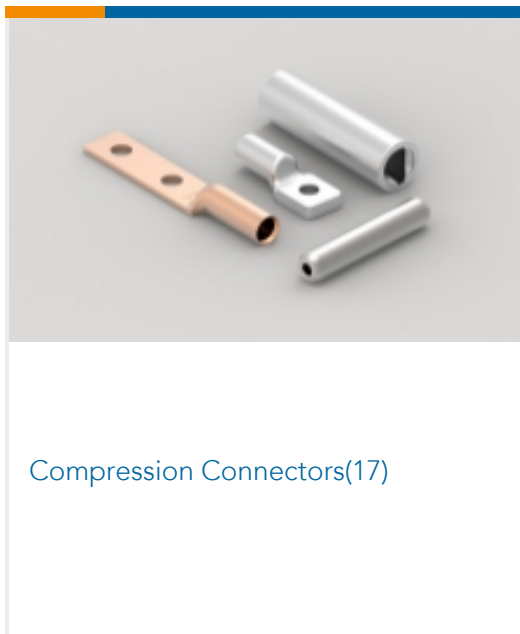
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 47386 DAHT PG PIDG 26-16 ASSY</p> |  <p>TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY</p> |  <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p> |
|  <p>TE Part # 58423-1 DIE, RBY IS9252</p> |  <p>TE Part # 2-1377174-1 SMP 0-0320559-0</p> |  <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 525690 DAHT PG PIDG 20-18 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 # 47806-2 DIES PIDG 22-16 DIE SET</p> |  <p>TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY</p> |



Also in the Series | PIDG



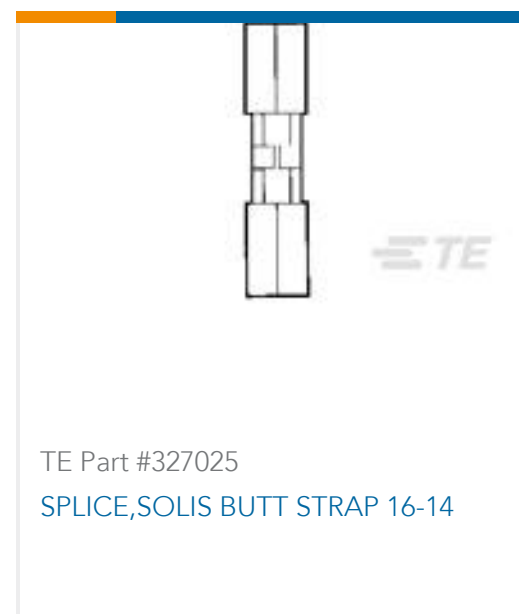
Customers Also Bought



TE Part #5205732-1
CLAMSHELL ASSEMBLY,SIZE 5



TE Part #102100-1
MOD I RECP PLTD 15 SEL



TE Part #327025
SPLICE,SOLIS BUTT STRAP 16-14



TE Part #1-456135-2
CRIMPER INSULATION O



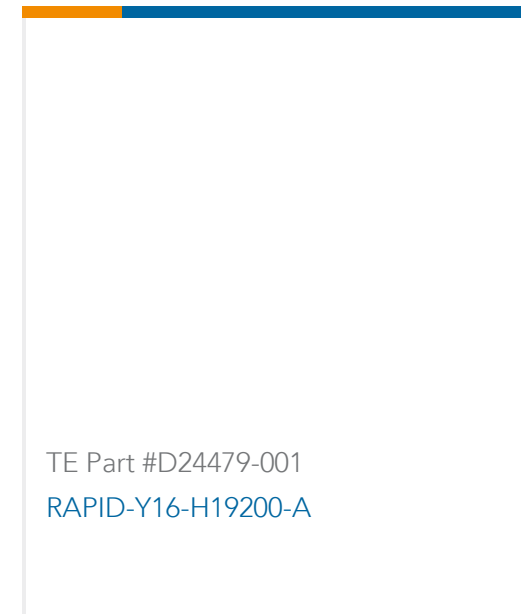
TE Part #TRA9023NP
OMNI,SB,Ph,902-928MHZ 3,NP PMT



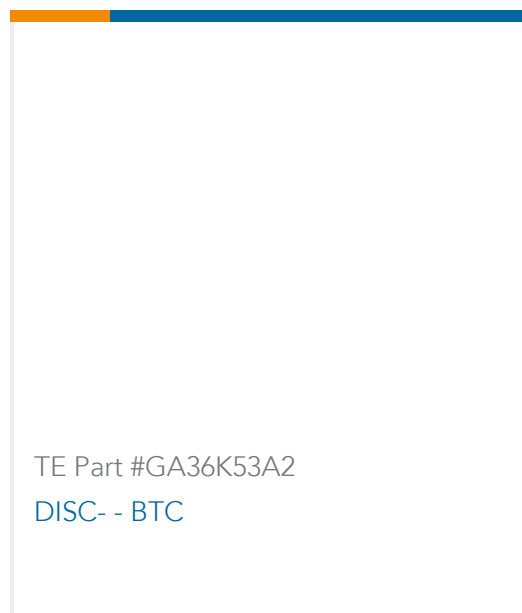
TE Part #YA9-11
Yagi,Std,18in,NF 860-960MHz,11dBi,SS



TE Part #WM10BF06-09SN-990A
RECEPT.ASSY. SQ FL WM SIZE 6 9
WAY 990A



TE Part #D24479-001
RAPID-Y16-H19200-A



TE Part #GA36K53A2
DISC - BTC

Documents

Product Drawings

[PIDG SPLICE 22-16COMM 22-18MIL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_320559_AE.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_320559_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_320559_AE.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_320559_V.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_320559_V.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_320559_V.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_320559_032820181218_dmtec](#)

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[MD_320559_032820181218_dmtec](#)

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Agency Approvals

[UL Report](#)

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