

51863 ✓ ACTIVE



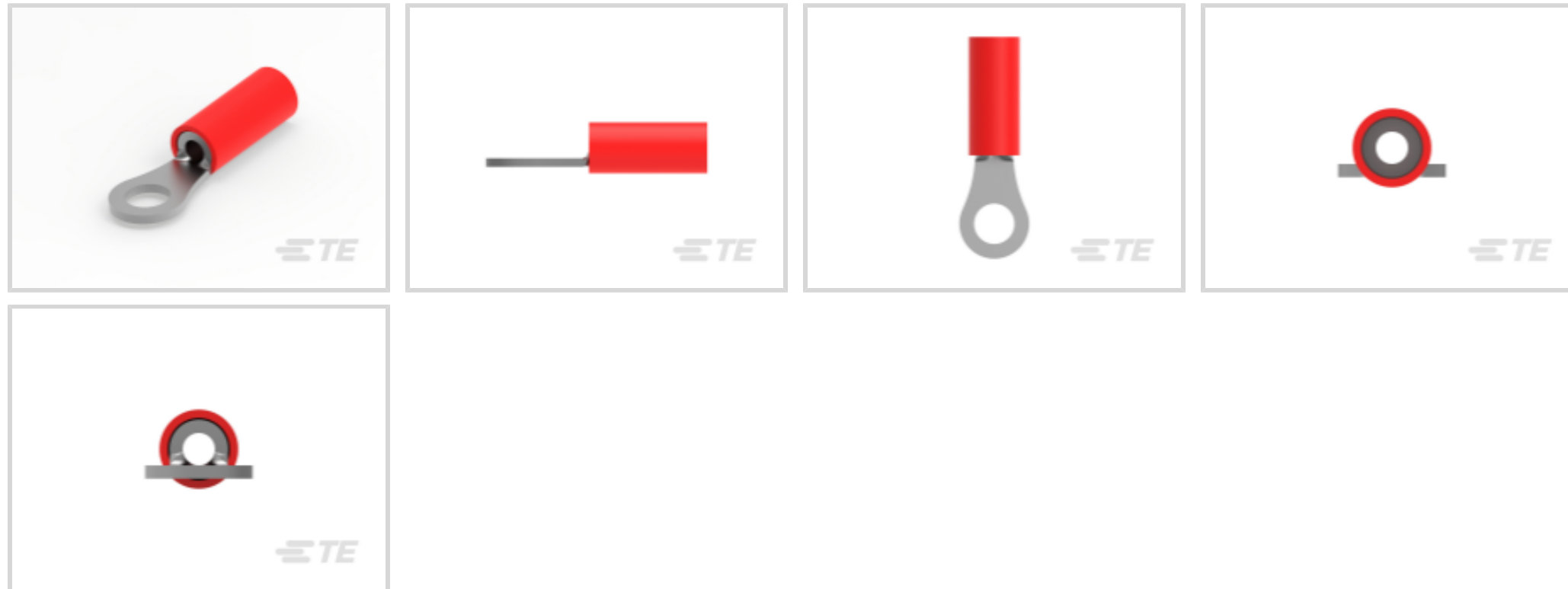
## PIDG

TE Internal #: 51863

Closed Ring Tongue Terminal, 22 – 16 AWG, M3.5 Stud Size, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PIDG

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Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 – 3260 CMA

Stud Size: M3.5

[All PIDG Ring Tongue Terminals \(411\)](#)

## Features

### Product Type Features

|  |                             |
|--|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | M3.5                        |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

### Configuration Features

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

### Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 300 V |
|----------------|-------|

### Body Features

|                         |        |
|-------------------------|--------|
| Insulation Sleeve Color | Red    |
| Product Weight          | .625 g |

### Contact Features

|                     |         |
|---------------------|---------|
| Military Part Class | Class I |
|---------------------|---------|



|             |        |
|-------------|--------|
| Barrel Type | Closed |
|-------------|--------|

|                      |          |
|----------------------|----------|
| Terminal Orientation | Straight |
|----------------------|----------|

|                           |     |
|---------------------------|-----|
| Terminal Plating Material | Tin |
|---------------------------|-----|

### Mechanical Attachment

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

### Dimensions

|           |                |
|-----------|----------------|
| Wire Size | 509 – 3260 CMA |
|-----------|----------------|

|               |                   |
|---------------|-------------------|
| Stud Diameter | 3.68 mm [.145 in] |
|---------------|-------------------|

|                  |                  |
|------------------|------------------|
| Tongue Thickness | .79 mm [.031 in] |
|------------------|------------------|

|                |                    |
|----------------|--------------------|
| Product Length | 19.86 mm [.782 in] |
|----------------|--------------------|

|                                      |                  |
|--------------------------------------|------------------|
| Compatible Insulation Diameter (Max) | 3.81 mm [.15 in] |
|--------------------------------------|------------------|

|                                      |                               |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 2.03 – 3.81 mm [.08 – .15 in] |
|--------------------------------------|-------------------------------|

### Usage Conditions

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

|                             |                 |
|-----------------------------|-----------------|
| Operating Temperature Range | 105 °C [221 °F] |
|-----------------------------|-----------------|

### Operation/Application

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

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

### Industry Standards

|                               |     |
|-------------------------------|-----|
| Government Qualified Terminal | 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 | 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241) |
|--|--|

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

REPRESENTATION ONLY

TE Part # 47386-4  
DAHT PG PIDG 26-16 ASSY

TE Part # 59250  
T-HEAD PIDG 26-14 ASSY

TE Part # 58423-1  
DIE, RBY IS9252

TE Part # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

REPRESENTATION ONLY

TE Part # 47386  
DAHT PG PIDG 26-16 ASSY

TE Part # 58433-3  
PRO CR ASSY, RBY IS9252

TE Part # 539691-2  
ERGO DIE R.B.Y

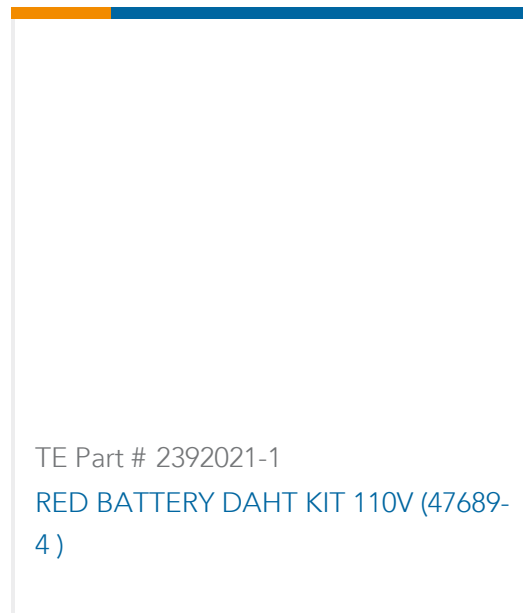
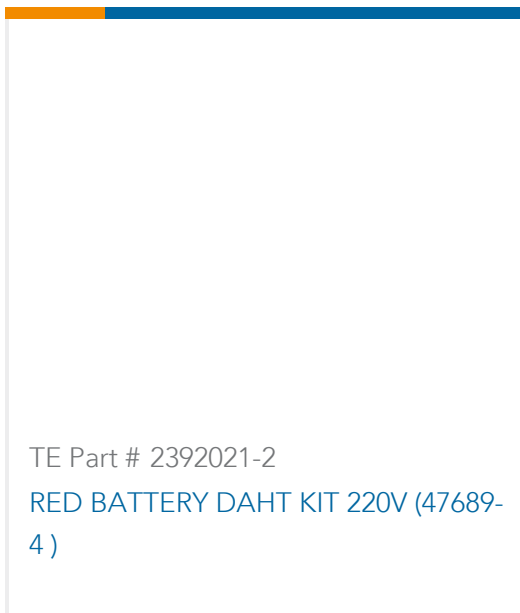
TE Part # 2063030-1  
SDE DIESET, RBY, UL

TE Part # 47806-2  
DIES PIDG 22-16 DIE SET

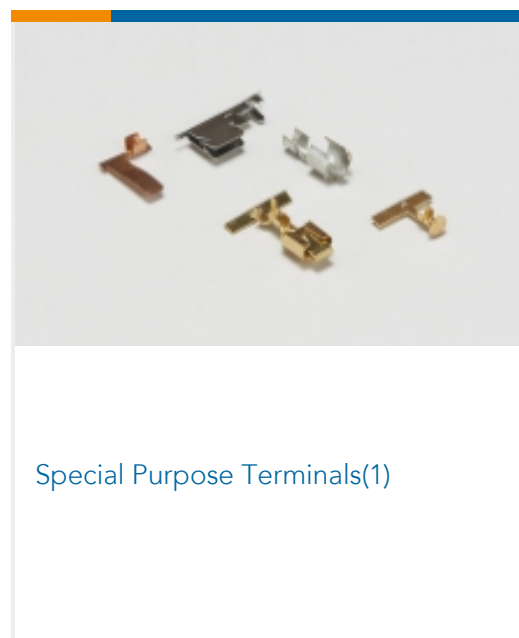
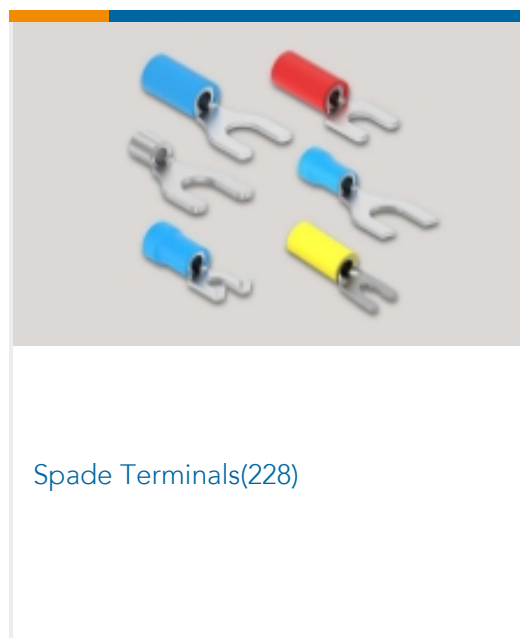
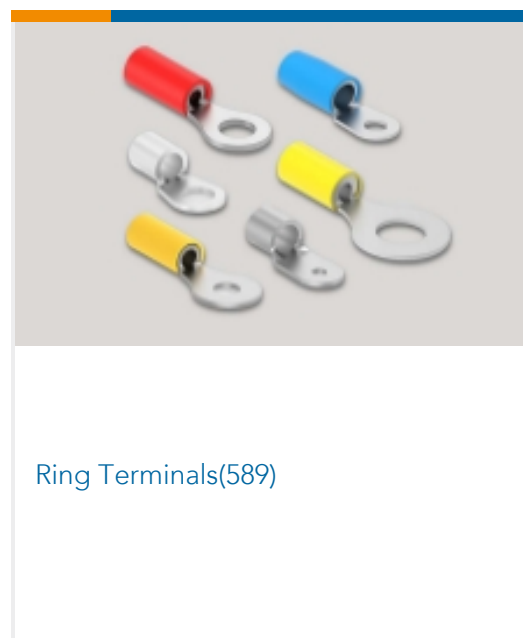
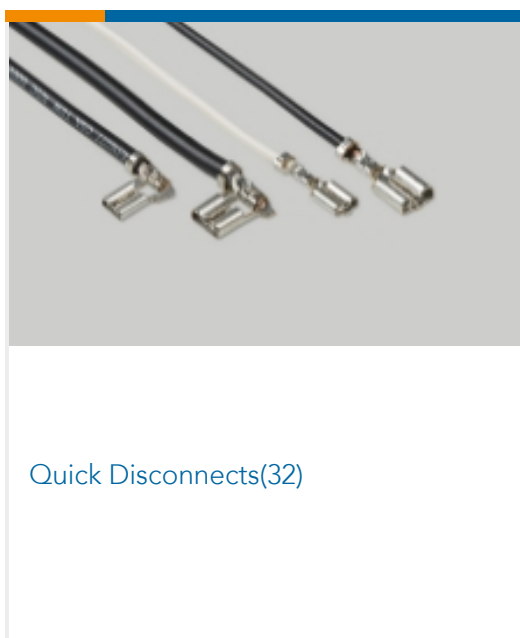
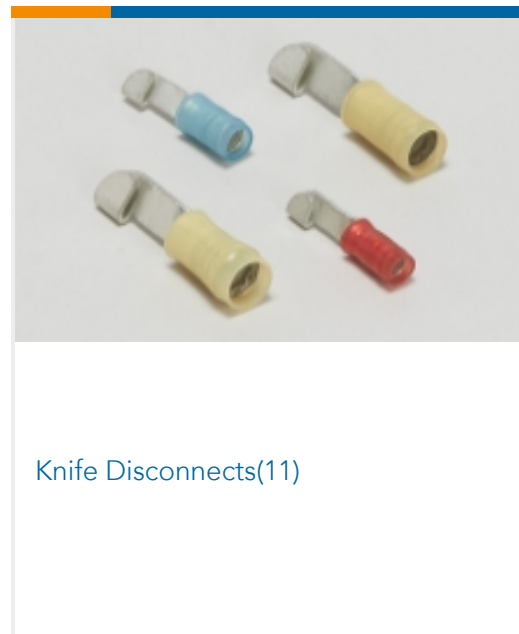
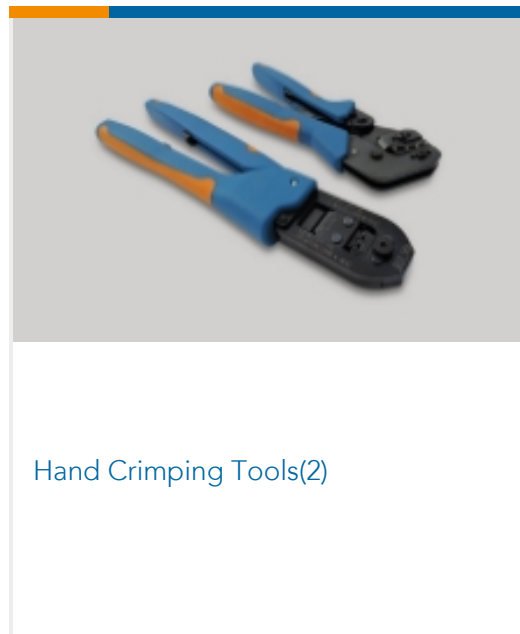
TE Part # 59300  
T-HEAD PIDG PG 26-16 ASSY

TE Part # 69344  
PIDG 26-22 DIE SET

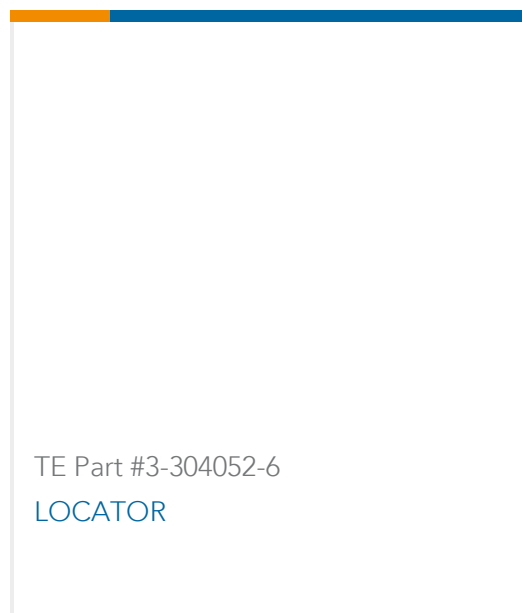
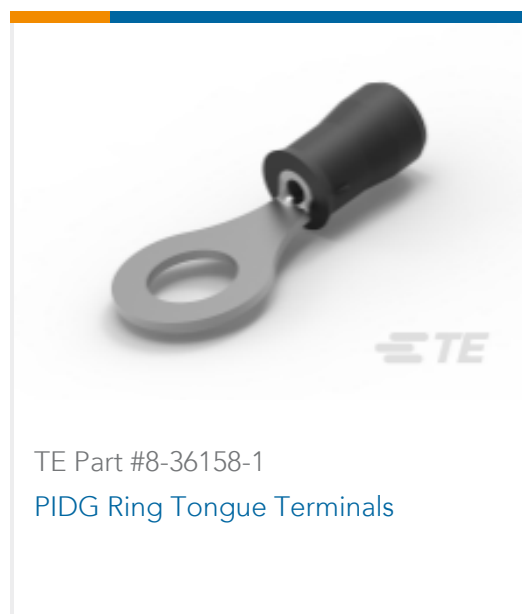
TE Part # 169400  
CERTI-LOK FRAME W/O DIES



Also in the Series | PIDG



Customers Also Bought



## Documents

### Product Drawings

TERM, R, PIDG, 22-16/22-18, #6(M3.5)

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_51863\\_AC.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_51863\\_AC.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_51863\\_AC.3d\\_stp.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

### Agency Approvals

[UL Report](#)

English