

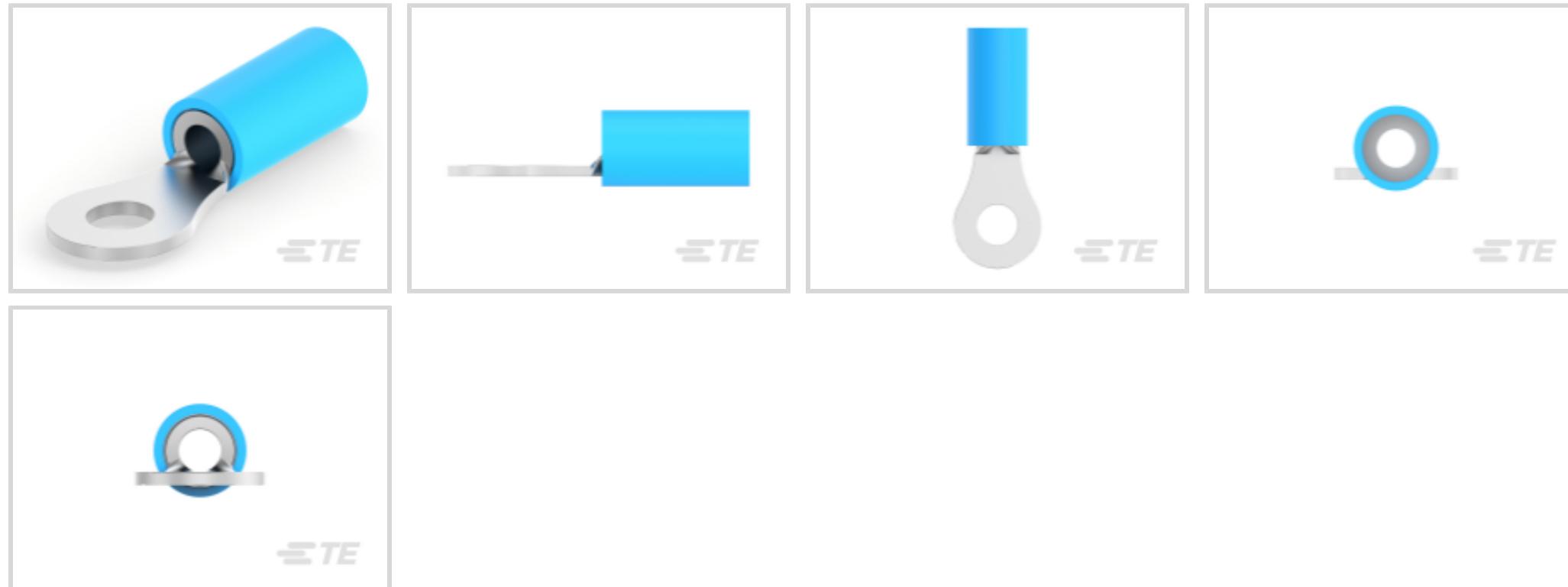
**6-51864-1** DO NOT USE FOR NEW DESIGN**PIDG**

TE Internal #: 6-51864-1

Closed Ring Tongue Terminal, 16 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

[View on TE.com >](#)

Terminals &amp; Splices &gt; Ring Terminals &gt; PIDG Ring Tongue Terminals

Ring Terminal Product Type: **Closed Ring Tongue Terminal**Wire Size: **2800 CMA**Stud Size: **#6, M3.5**Stud Diameter: **3.68 mm [.145 in]**[All PIDG Ring Tongue Terminals \(410\)](#)**Features****Configuration Features**

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

**Mechanical Attachment**

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

**Electrical Characteristics**

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

**Industry Standards**

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

**Body Features**

|                         |         |
|-------------------------|---------|
| Product Weight          | 1.039 g |
| Insulation Sleeve Color | Blue    |
| Stripe Color            | Blue    |

**Packaging Features**

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

|                  |             |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

#### Product Type Features

|                            |                             |
|----------------------------|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
|----------------------------|-----------------------------|

|           |          |
|-----------|----------|
| Stud Size | #6, M3.5 |
|-----------|----------|

|          |    |
|----------|----|
| Sealable | No |
|----------|----|

|  |                        |
|--|------------------------|
| Wire Insulation Support Retention Type | Insulation Restriction |
|--|------------------------|

#### Contact Features

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

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

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

#### Dimensions

|           |          |
|-----------|----------|
| Wire Size | 2800 CMA |
|-----------|----------|

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

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

|                |                 |
|----------------|-----------------|
| Product Length | 23 mm [.906 in] |
|----------------|-----------------|

|                                      |                 |
|--------------------------------------|-----------------|
| Compatible Insulation Diameter (Max) | 3.3 mm [.13 in] |
|--------------------------------------|-----------------|

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.6 – 3.3 mm [.063 – .13 in] |
|--------------------------------------|------------------------------|

#### Usage Conditions

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

#### Operation/Application

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

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

#### Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|

|                   |           |
|-------------------|-----------|
| EU ELV Compliance | Compliant |
|-------------------|-----------|

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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)

Candidate List Declared Against: JAN 2021

(211)

Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in  
other sources.

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>

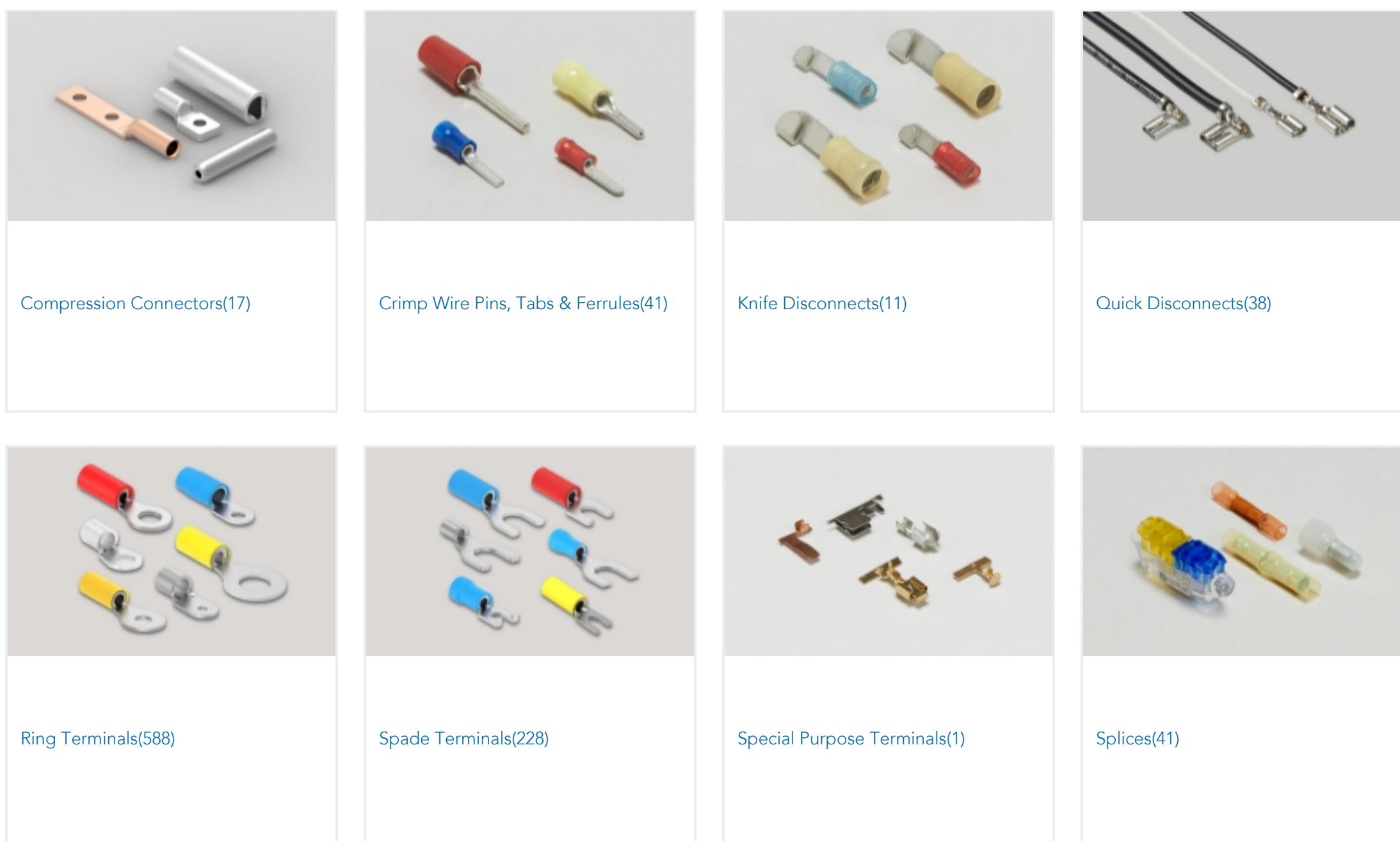
## Compatible Parts

TE Part # 55823-1  
RBY PRO CRIMPER KITTE Part # 47387  
DAHT PG PIDG 20-14 ASSYTE Part # 47807-1  
DIES PIDG 16-14 DIE SETTE Part # 47806-2  
DIES PIDG 22-16 DIE SETTE Part # 58423-1  
DIE, RBY IS9252TE Part # 59170  
T-HEAD PIDG SH 26-14 ASSYTE Part # 58433-3  
PRO CR ASSY, RBY IS9252TE Part # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

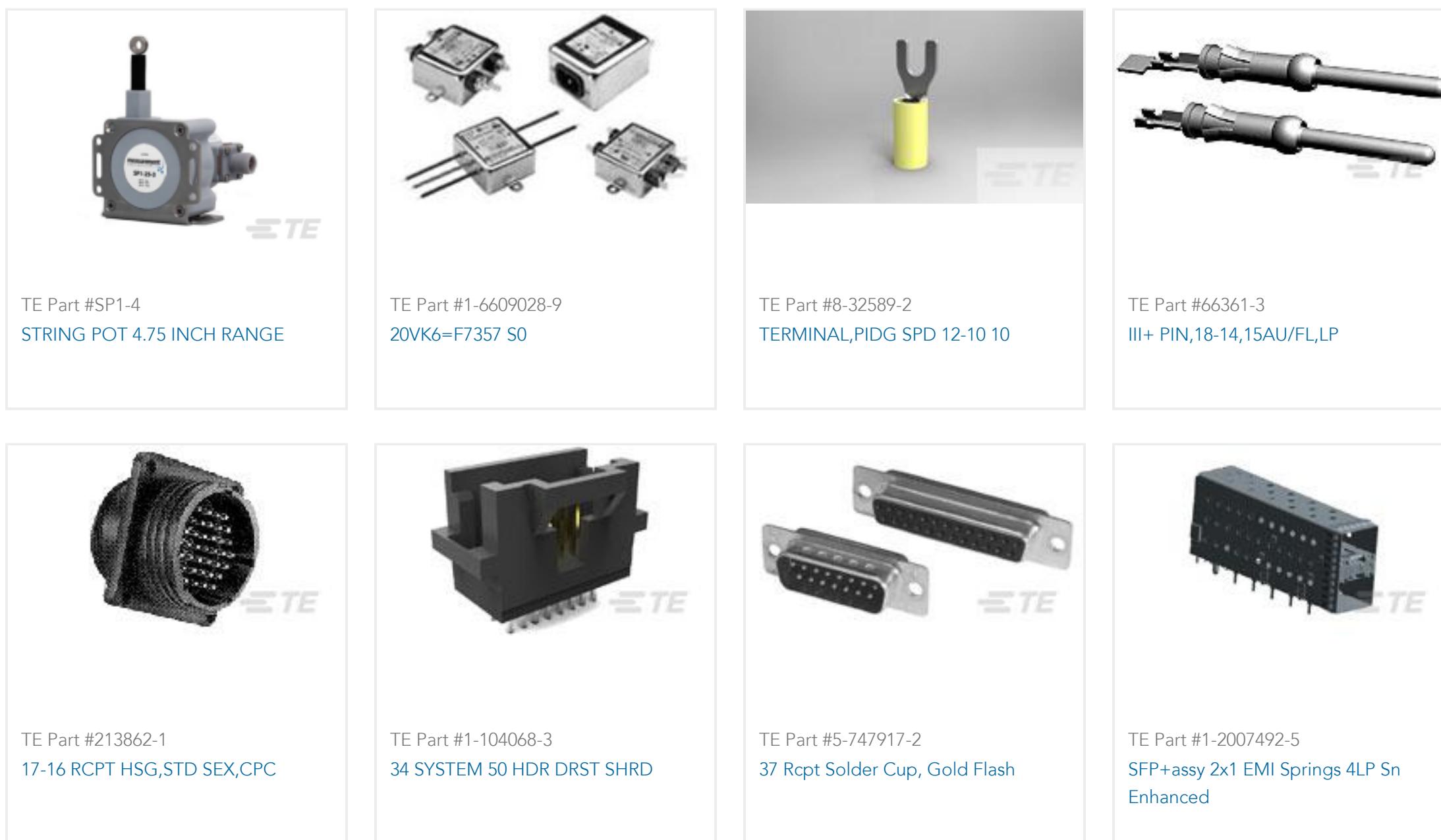
Closed Ring Tongue Terminal, 16 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG



## Also in the Series | PIDG



## Customers Also Bought





TE Part #62887-1  
110 FASTON,TAB,20-16 AWG,TPBR



TE Part #160666-5  
110 FASTON,REC.,26-22 AWG,TPBR

## Documents

### Product Drawings

#### TERMINAL,PIDG R IR 16 6

English

---

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-51864-1\\_AF.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-51864-1\\_AF.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-51864-1\\_AF.3d\\_stp.zip](#)

English

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

---

### Agency Approvals

#### CSA Certificate

English