

320568 ✓ ACTIVE



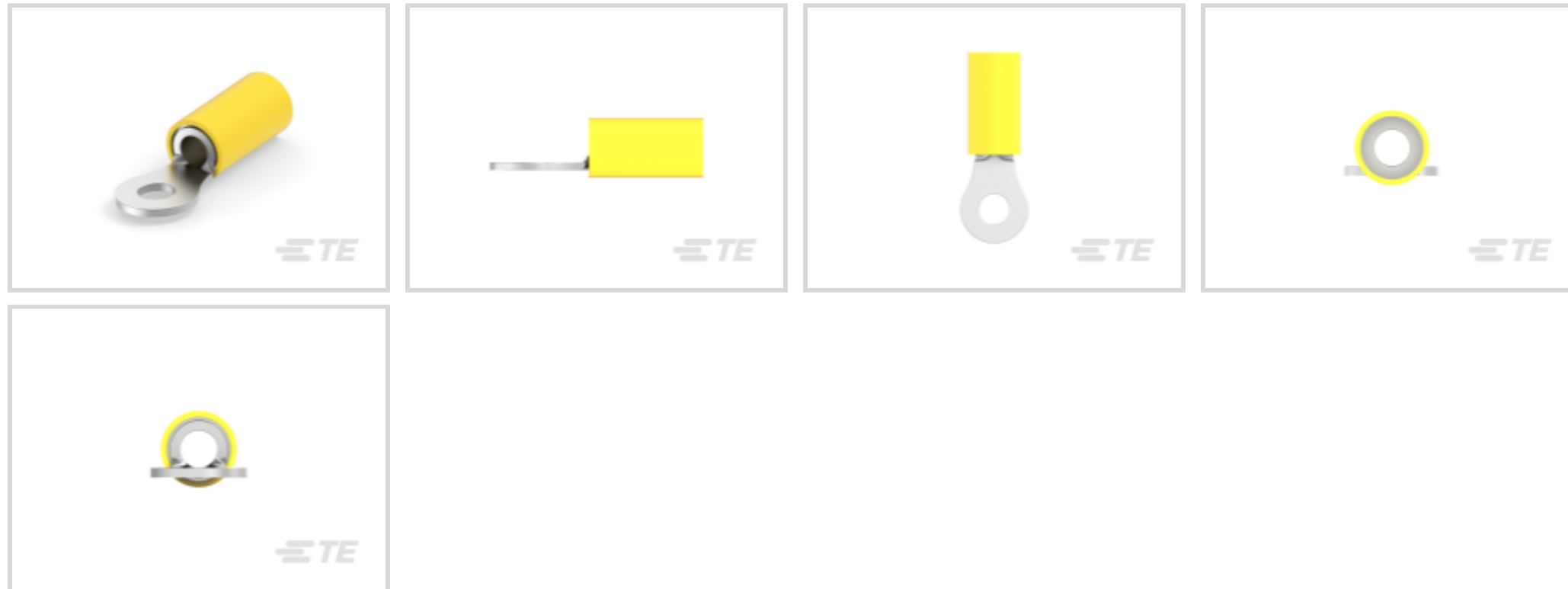
PIDG

TE Internal #: 320568

Closed Ring Tongue Terminal, 12 – 10 AWG, #8 / M4 Stud, 4.17 mm [.164 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 5180 – 13100 CMA

Stud Size: #8, M4

[All PIDG Ring Tongue Terminals \(410\)](#)

Features

Product Type Features

| | |
|--|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | #8, M4 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

Configuration Features

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

Electrical Characteristics

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

Body Features

| | |
|----------------|---------|
| Product Weight | 2.429 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 | 5180 – 13100 CMA |
|-----------|------------------|

| | |
|---------------|-------------------|
| Stud Diameter | 4.17 mm [.164 in] |
|---------------|-------------------|

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

| | |
|----------------|--------------------|
| Product Length | 27.5 mm [1.083 in] |
|----------------|--------------------|

| | |
|--------------------------------------|------------------|
| Compatible Insulation Diameter (Max) | 5.84 mm [.23 in] |
|--------------------------------------|------------------|

| | |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 3.81 – 5.84 mm [.15 – .23 in] |
|--------------------------------------|-------------------------------|

Usage Conditions

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

Operation/Application

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

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

Industry Standards

| | |
|-------------------------------|-----|
| Government Qualified Terminal | Yes |
|-------------------------------|-----|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 500 |
|--------------------|-----|

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|------------------|-------------|
| 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



TE Part # 58423-1
DIE, RBV IS9252



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



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



TE Part # 169404
CERTI-LOK DIE



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



TE Part # 2217330-1
KIT, BTLI, 4 TON, NA



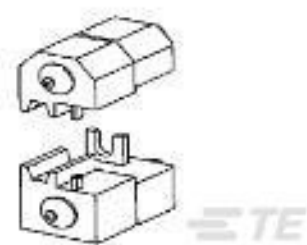
TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 59239-4
HHHT PIDG PG 12-10 ASSY



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



TE Part # 47808-6
DIES PIDG 12-10 DIE SET

Also in the Series | **PIDG**



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



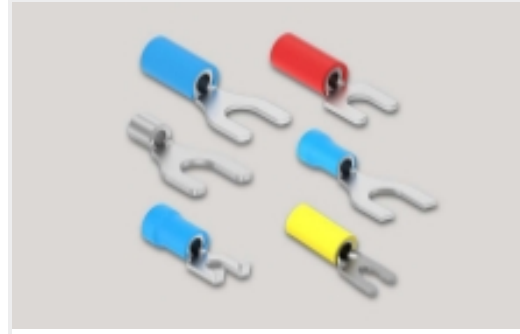
Hand Crimping Tools(2)



Knife Disconnects(11)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #1423155-4
GPCN=RELAY, 48VDC W/BLOWOUT DE



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



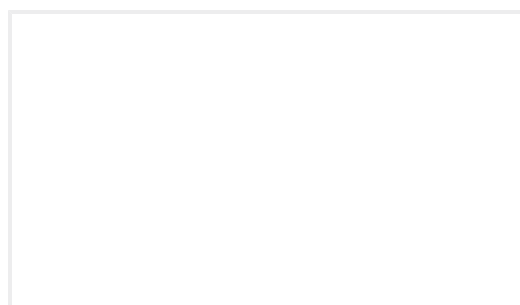
TE Part #2-1423159-9
7012PF=RLY,STD,ON,2P,125VDC,10



TE Part #1423161-8
7014PD=RLY,STD,ON,4P,125VDC,10



TE Part #152891
TERMINAL R T PIDG AWG 20 10 PURPLE



TE Part #044581-E
ERMBUG N 3 1 172 E3 * J 2 44581 BUCHSENG

Documents

Product Drawings

[TERMINAL,PIDG R 12-10 8](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_320568_AC.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_320568_AC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_320568_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

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English