

1-320551-1 ✓ ACTIVE



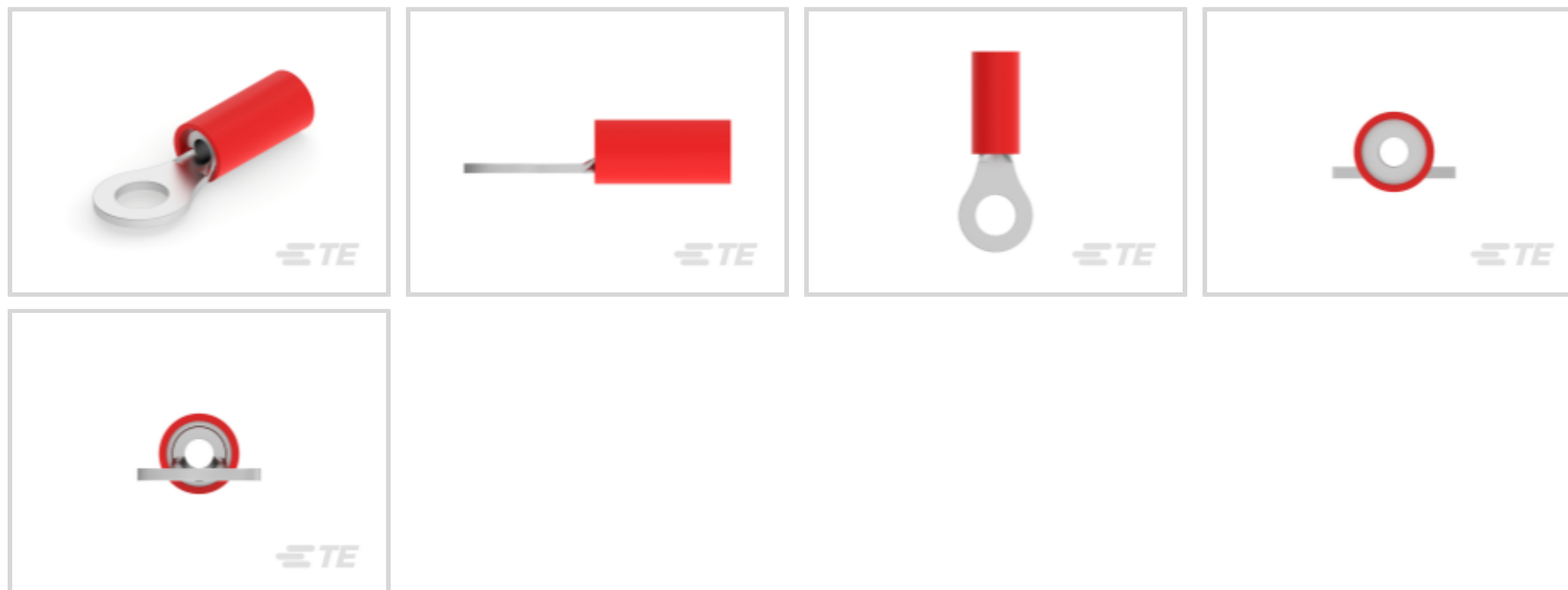
PIDG

TE Internal #: 1-320551-1

Closed Ring Tongue Terminal, 22 – 16 AWG, #8 / M4 Stud Size, 4.34 mm [.171 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated

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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: #8, M4

[All PIDG Ring Tongue Terminals \(418\)](#)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

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

Body Features

| | |
|----------------|---------|
| Product Weight | 1.413 g |
|----------------|---------|

Contact Features

| | |
|----------------------|----------|
| Barrel Type | Closed |
| Terminal Orientation | Straight |



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

Mechanical Attachment

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

Dimensions

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

| | |
|---------------|-------------------|
| Stud Diameter | 4.34 mm [.171 in] |
|---------------|-------------------|

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

| | |
|----------------|--------------------|
| Product Length | 21.44 mm [.844 in] |
|----------------|--------------------|

| | |
|--------------------------------------|-------------------|
| Compatible Insulation Diameter (Max) | 3.18 mm [.125 in] |
|--------------------------------------|-------------------|

| | |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 2.03 – 3.18 mm [.08 – .125 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 | No |
|-------------------------------|----|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 5000 |
|--------------------|------|

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|------------------|--------------|
| Packaging Method | Tape Mounted |
|------------------|--------------|

Product Compliance

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

REPRESENTATION ONLY

TE Part # 47386
DAHT PG PIDG 26-16 ASSY

TE Part # 58423-1
DIE, RBY IS9252

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

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

TE Part # 69344
PIDG 26-22 DIE SET

TE Part # 1SET191001R0000
CRIMP-HT

TE Part # 169404
CERTI-LOK DIE

Also in the Series | PIDG

Compression Connectors(17)

Crimp Terminal Housings(1)

Crimp Wire Pins, Tabs & Ferrules(41)

Hand Crimping Tools(2)



Knife Disconnects(11)



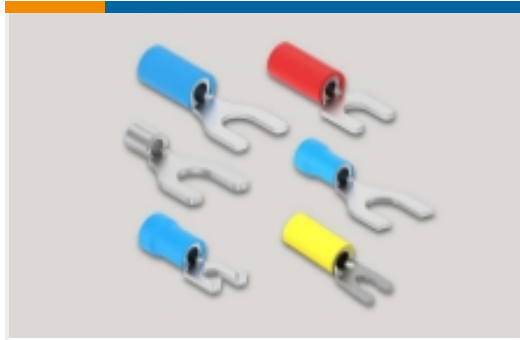
PCB Terminals(7)



Quick Disconnects(49)



Ring Terminals(611)



Spade Terminals(233)



Special Purpose Terminals(1)



Splices(46)

Customers Also Bought



TE Part #3-2834075-2
2P REC, MINIATURE WATERPROOF
CONN.RED



TE Part #8-324608-1
PIDG SPD FLG22-16COM22-18MIL2



TE Part #F75818-000
RNF-100-MINI-SPL-1/4-BK



TE Part #34837
TERMINAL,PG R 12-10 1/2



TE Part #1571103-1
PRDDA1-16F-BB000,POWER ROCKER



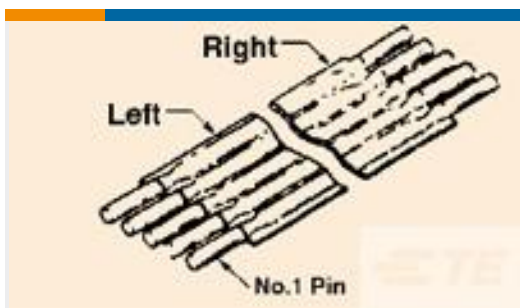
TE Part #C32547-000
NC-191064-10-9



TE Part #3-1633730-5
CRIMPER, WIRE F .039F



TE Part #2-1803055-1
ANVIL, COMBINATION



TE Part #2-1437211-3
FSK-21A-7



TE Part #690686-2
CRIMPER BOLT-SPECIAL

Documents



Product Drawings

[PIDG R 22-16 COMM 22-18 MIL 8](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-320551-1_AG.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-320551-1_AG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-320551-1_AG.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_1-320551-1_121220172246_dmtec](#)

English

[MD_1-320551-1_121220172246_dmtec](#)

English

Agency Approvals

[UL Report](#)

English