



PIDG

TE Internal #: 2-320576-1

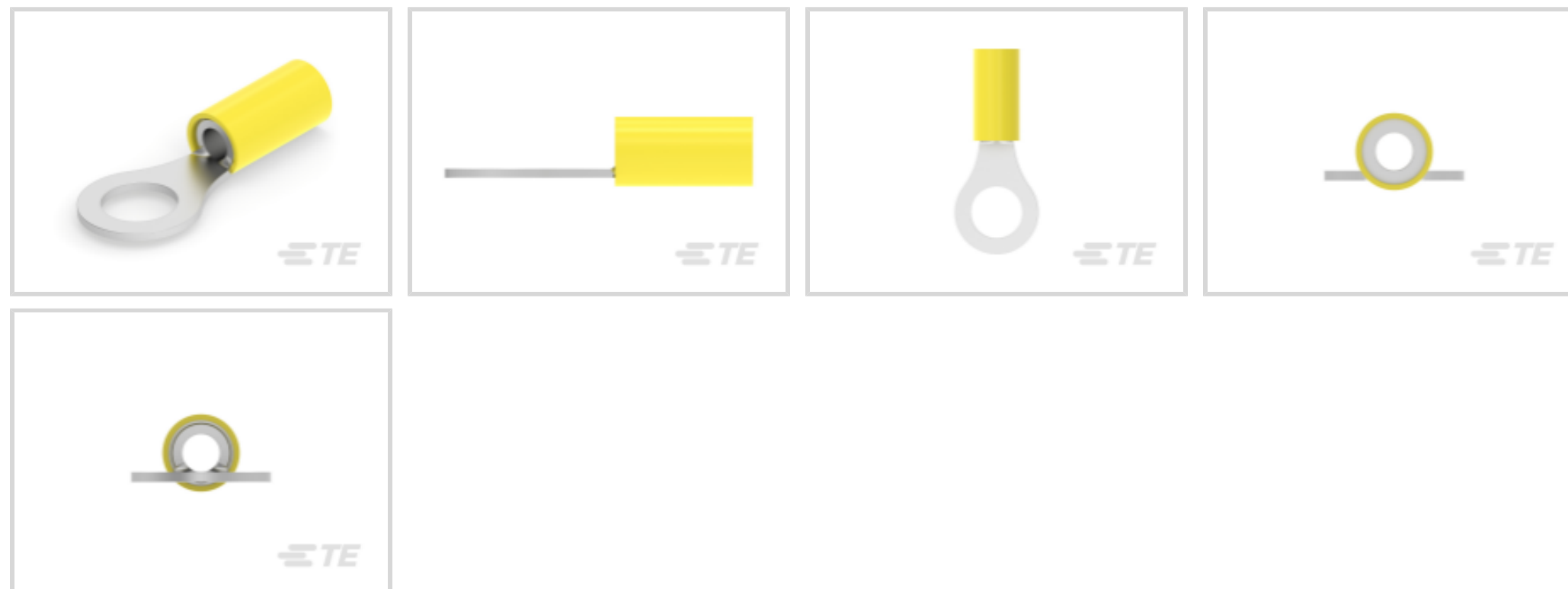
Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG

Wire Size, 3 – 6 mm² Wire Size, 5180 – 13100 CMA Wire Size, Stud

Size 5/16 / M8

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG RING TONGUE TERMINALS



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **5/16, M8**

[All PIDG RING TONGUE TERMINALS \(421\)](#)

Features

Product Type Features

| | |
|--|--------------------|
| Shape Description | RING-041 |
| Stud Size | 5/16, M8 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

| | |
|-----------------|-------|
| Number of Holes | 1 |
| Terminal Angle | 180 ° |

Electrical Characteristics

| | |
|---------------|-------|
| Voltage (Max) | 300 V |
|---------------|-------|

Body Features

| | |
|------------------|---------|
| Weight per Piece | 3.087 g |
|------------------|---------|

Contact Features

| | |
|----------------------------|-------------|
| Ring & Spade Terminal Type | Ring Tongue |
|----------------------------|-------------|



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

| | |
|----------------------|--------|
| Terminal Orientation | Offset |
|----------------------|--------|

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

Mechanical Attachment

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

Dimensions

| | |
|-----------|------------------|
| Wire Size | 5180 – 13100 CMA |
|-----------|------------------|

| | |
|---------------|------------------|
| Stud Diameter | 7.92 mm[.312 in] |
|---------------|------------------|

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

| | |
|------------------------|--------------------|
| Overall Product Length | 35.58 mm[1.322 in] |
|------------------------|--------------------|

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

| | |
|--|------------------------------|
| Accepts Wire Insulation Diameter Range | 3.81 – 5.84 mm[.15 – .23 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 |
|---------------------------------------|-----|

| | |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 2500 |
|--------------------|------|

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

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 2022 (224) |
|--|--|



Candidate List Declared Against: JAN 2022
(223)
SVHC > Threshold:
Not Yet Reviewed

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

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

TE Part # 58423-1
DIE, RBY IS9252

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

TE Part # 1SET191001R0000
CRIMP-HT

TE Part # 1SET191002R0000
TET 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)



Knife Disconnects(11)



PCB Terminals(9)



Portable Crimp Tools(2)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)

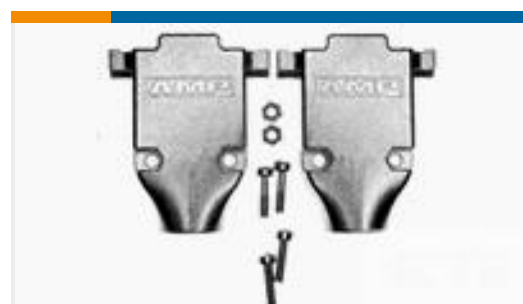


Splices(48)

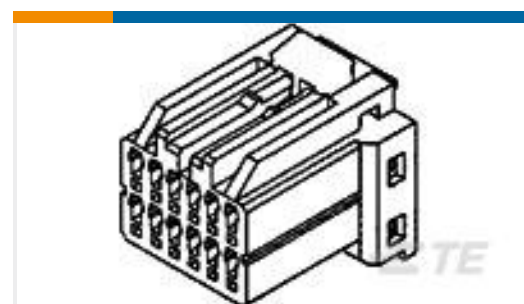
Customers Also Bought



TE Part #2-130008-1
PIDG RING TONGUE TERMINALS



TE Part #5747099-7
CABLE CLAMP KIT,SZ 2



TE Part #175964-2
040 MLC II PLUG HSG ASSY 8P



TE Part #53120-1
SOLIS SP SPD 22-16COM22-18MIL6



TE Part #52454-1
PG SPR SPD 22-16COMM 22-18MIL8



TE Part #ZPF000000000000362
006-0937-16 A



TE Part #1SNK705066R0000
ZK2.5-BK



TE Part #9013-3-0401
O RING

Documents



Product Drawings

[TERMINAL,PIDG R 12-10 5/16](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-320576-1_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-320576-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-320576-1_S.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_2-320576-1_05022015512_dmtec](#)

English

[MD_2-320576-1_05022015512_dmtec](#)

English

Agency Approvals

[UL Report](#)

English