

52291-1 ✓ ACTIVE

PLASTI-GRIP

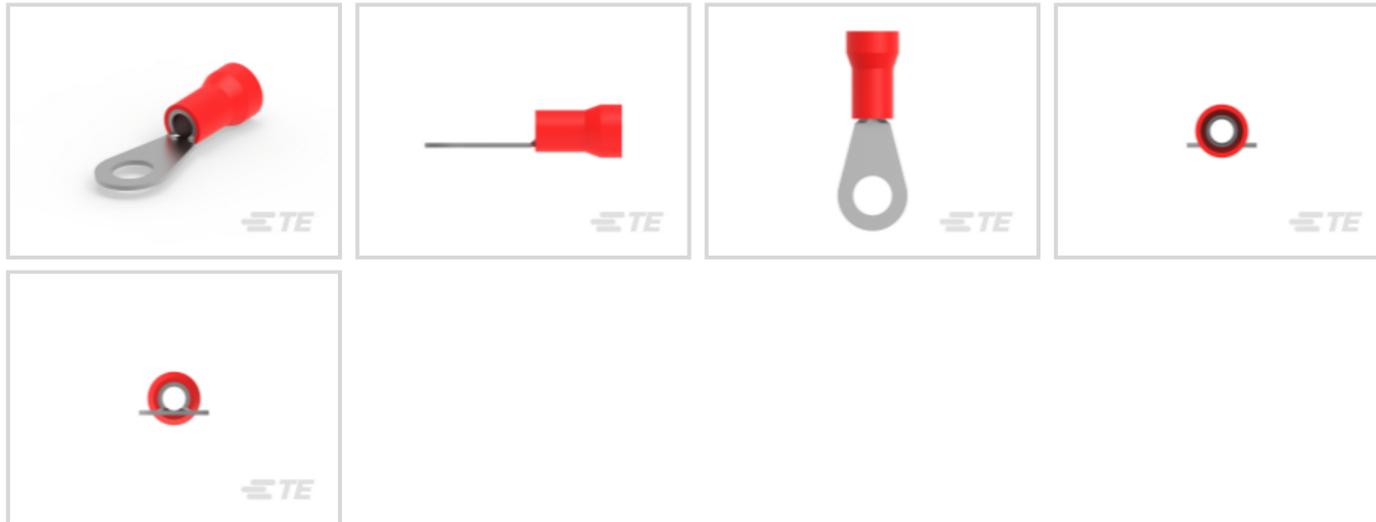
TE Internal #: 52291-1

Ring Terminals & Spade Terminals, Ring Tongue, 8 AWG Wire Size,
8 mm² Wire Size, 13100 – 20800 CMA Wire Size, Stud Size 3/8,
PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **13100 – 20800 CMA**

Stud Size: **3/8**

Features

Product Type Features

| | |
|--|--------------------|
| Shape Description | RING-044 |
| Stud Size | 3/8 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

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

Electrical Characteristics

| | |
|---------------|-------|
| Voltage (Max) | 600 V |
|---------------|-------|

Body Features

| | |
|-------------------------|-----|
| Inspection Slot | No |
| Insulation Sleeve Color | Red |
| Stripe Color | Red |

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 | 13100 – 20800 CMA |
|-----------|-------------------|

| | |
|---------------|--------------------------|
| Stud Diameter | 9.53 mm, 9.91 mm[.39 in] |
|---------------|--------------------------|

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

| | |
|------------------------|--------------------|
| Overall Product Length | 43.08 mm[1.696 in] |
|------------------------|--------------------|

| | |
|--|-----------------|
| Accepts Wire Insulation Diameter (Max) | 9.14 mm[.36 in] |
|--|-----------------|

| | |
|--|-----------------|
| Accepts Wire Insulation Diameter Range | 9.14 mm[.36 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 | 100 |
|--------------------|-----|

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



Candidate List Declared Against: JAN 2022
(223)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

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



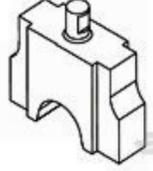
TE Part # 47820
HYP8 TERMINYL 8AWG DIE SET



TE Part # 1490597-1
HYP10 TERMINYL 8AWG DIE SET



TE Part # 1490534-1
HYP10 PLASTI-GRIP 8AWG DIE SET



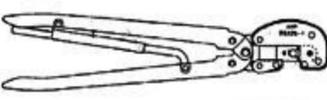
TE Part # 1901006-1
ASSEMBLY, TERMINYL DIE #8



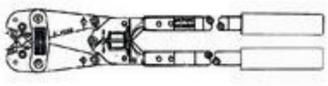
TE Part # 48752-1
HYP8 PLASTI-GRIP 8AWG 69051 DIE SET



TE Part # 48858-1
HYP8/10 PLASTI-GRIP/10 8AWG DIE SET



TE Part # 69959
HHHT AMPLI-BOND PG 8 ASSY



TE Part # 601129-2
HAND TOOL (A.S.I.)

Also in the Series | **PLASTI-GRIP**



Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)



Ring Terminals & Spade Terminals(537)



Splices(49)

Documents

Product Drawings

[TERMINAL R PG 8 3/8](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_52291-1_W.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_52291-1_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52291-1_W.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English