

60399-1 ✓ ACTIVE

TE Internal #: 60399-1

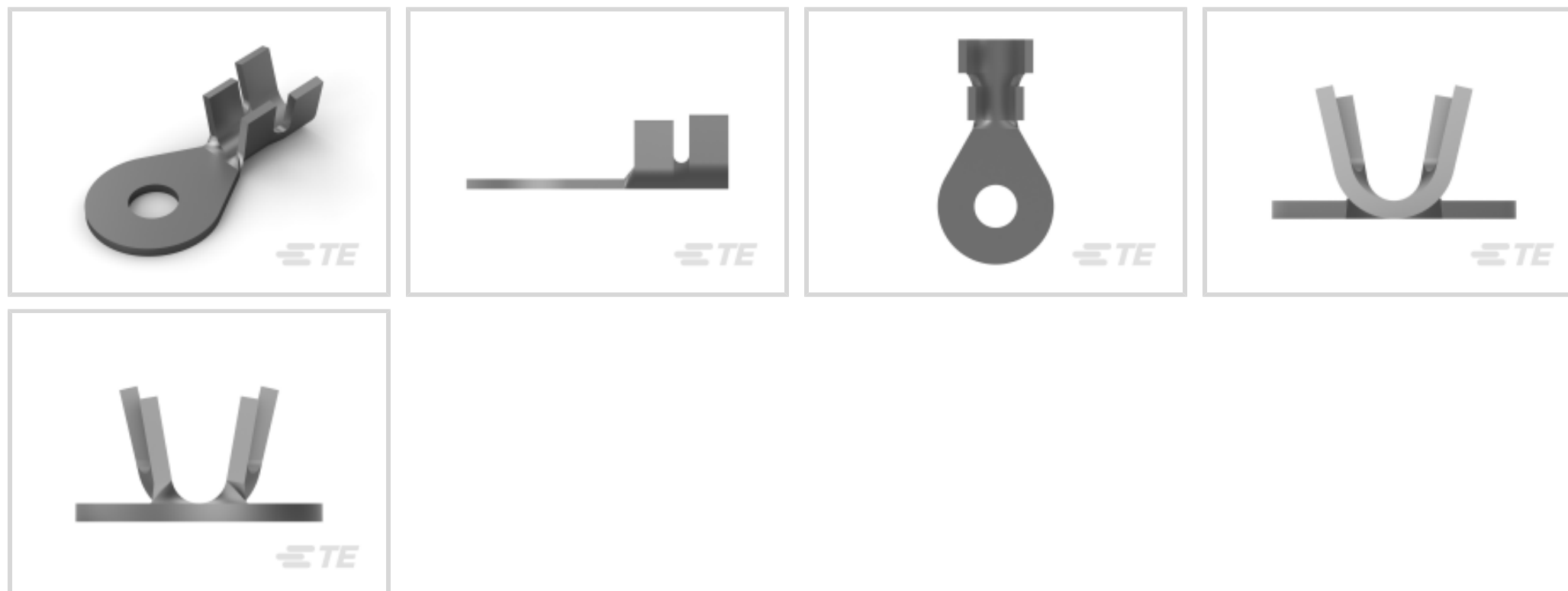
Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG

Wire Size, 3 – 6 mm² Wire Size, 6529 – 10382 CMA Wire Size, Stud Size #10

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Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **6529 – 10382 CMA**

Stud Size: **#10**

Features

Product Type Features

| | |
|--|--------------------|
| Shape Description | Circular/Oval |
| Stud Size | #10 |
| Sealable | No |
| Compatible With Discrete Wire Type | Stranded |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

| | |
|----------------|-------|
| Terminal Angle | 180 ° |
|----------------|-------|

Contact Features

| | |
|-------------------------------|-------------|
| Contact Base Material | Copper |
| Ring & Spade Terminal Type | Ring Tongue |
| Barrel Type | Open |
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin |
| Contact Underplating Material | None |

Mechanical Attachment

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



Dimensions

| | |
|--|----------------------------------|
| | .15 in |
| Wire Size | 6529 – 10382 CMA |
| Stud Diameter | 5 mm[.197 in] |
| Tongue Thickness | 1.02 mm[.04 in] |
| Overall Product Length | 26.67 mm[1.05 in] |
| Barrel Inside Diameter | 3.04 mm, 4.82 mm[.12 in][.19 in] |
| Accepts Wire Insulation Diameter (Max) | 5.33 mm[.21 in] |
| Accepts Wire Insulation Diameter Range | 3.81 – 5.33 mm[.15 – .21 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Insulation Option | Uninsulated |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

Operation/Application

| | |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
| Heavy Duty | No |

Industry Standards

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

Packaging Features

| | |
|------------------|------------|
| Packaging Method | Strip/Reel |
|------------------|------------|

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 |

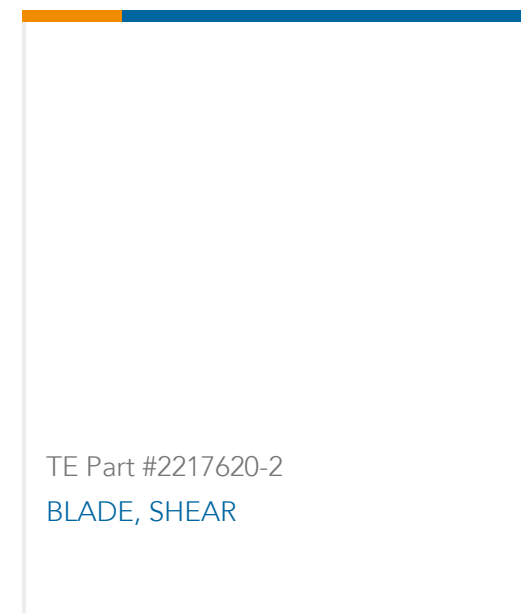
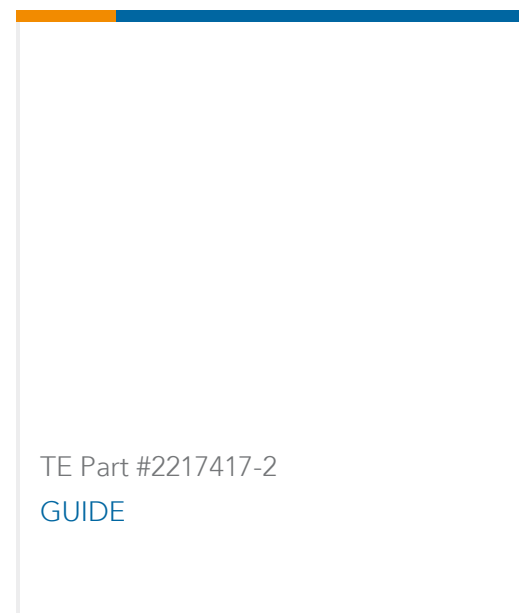
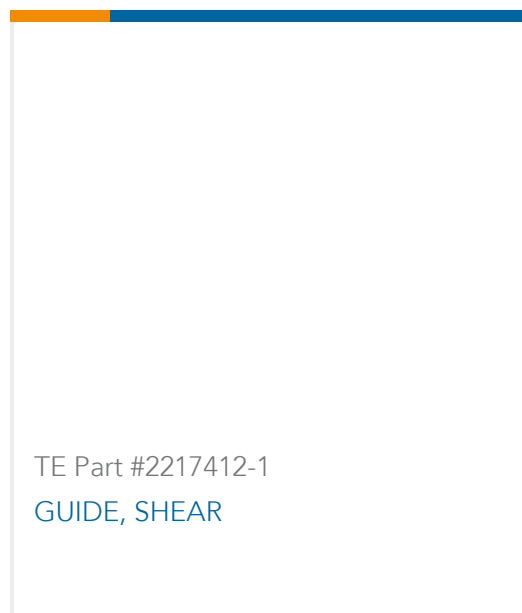
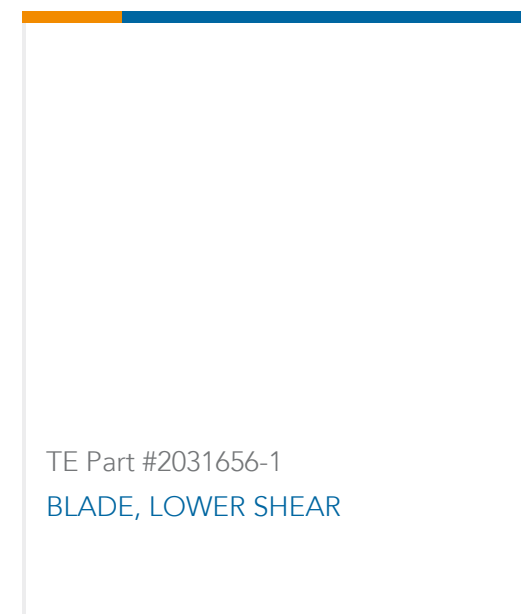
Product Compliance Disclaimer

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

| | | | |
|---|---|---|--|
|  <p>TE Part # 41126 RING 12-10 AWG TPBR</p> |  <p>TE Part # 41124 RING .190 (4.82 MM) 12-10 AWG TPBR</p> |  <p>TE Part # 42722-1 RING TONGUE 12-10 AWG BR</p> |  <p>TE Part # 61844-1 RING TERMINAL 12-10 AWG .0395X.650 TPCU</p> |
|  <p>TE Part # 62691-2 RING 12-10 AWG TPBR</p> |  <p>TE Part # 42864-2 RING CRIMP 12-10 AWG TPBR</p> |  <p>TE Part # 42864-1 RING CRIMP 12-10 AWG BR</p> |  <p>TE Part # 41125 RING 12-10 AWG TPBR</p> |
|  <p>TE Part # 60485-1 RING TERMINAL 14-12 AWG TPBR</p> |  <p>TE Part # 61424-1 RING 12-10 AWG TPBR</p> | | |

Customers Also Bought



Documents

Product Drawings

[RING TERMINAL 12-10 AWG TPCU](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_60399-1_N.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_60399-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60399-1_N.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English