

140523 ✓ ACTIVE

TE Internal #: 140523

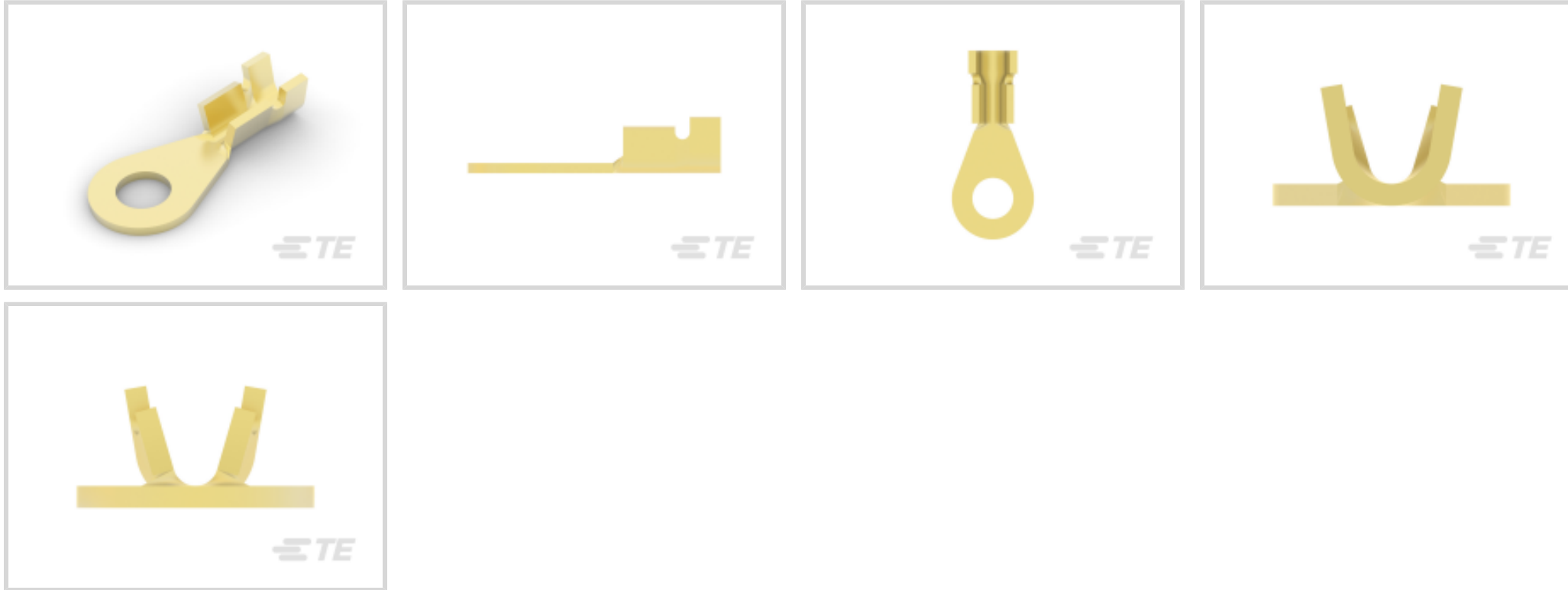
Ring Terminals & Spade Terminals, Ring Tongue, 20 – 16 AWG

Wire Size, .5 – 1 mm² Wire Size, 1022 – 2583 CMA Wire Size, Stud Size M4 / #8

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



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

Wire Size: **1022 – 2583 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

| | |
|--|--------------------|
| Shape Description | Circular/Oval |
| Stud Size | #8, M4 |
| Sealable | No |
| Compatible With Discrete Wire Type | Stranded |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

| | |
|-----------------|-------|
| Number of Holes | 2 |
| Terminal Angle | 180 ° |

Body Features

| | |
|----------------|-------|
| Product Weight | .67 g |
|----------------|-------|

Contact Features

| | |
|----------------------------|-------------|
| Contact Base Material | Brass |
| Ring & Spade Terminal Type | Ring Tongue |
| Barrel Type | Open |
| Terminal Orientation | Straight |
| Terminal Plating Material | Unplated |



| | |
|-------------------------------|------|
| Contact Underplating Material | None |
|-------------------------------|------|

Mechanical Attachment

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

Dimensions

| | |
|--------------------------------------|-----------------------------------|
| | .098 in |
| Wire Size | 1022 – 2583 CMA |
| Stud Diameter | 4.34 mm[.171 in] |
| Tongue Thickness | .76 mm[.03 in] |
| Product Length | 19.81 mm[.78 in] |
| Barrel Inside Diameter | 1.65 mm, 2.79 mm[.065 in][.11 in] |
| Compatible Insulation Diameter (Max) | 3.61 mm[.142 in] |
| Compatible Insulation Diameter Range | 2.5 – 3.6 mm[.098 – .142 in] |

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

| | |
|--------------------|------------|
| Packaging Quantity | 5000 |
| 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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 # 2150470-1
OCEAN_2.0_Applicator-E-130F180F



TE Part # 1855639-1
HDM/FA EAPR.130F.180F BENCH G /LM CUT



TE Part # 1855639-2
HDM EAPR130F180F K

Customers Also Bought



TE Part #5-2232265-2
PTL 1X2 PLUG HSG GLW WIRE KEY A DGR



TE Part #353908-4
CT REC HSG 4P CRIMP TYPE WHITE



TE Part #353907-1
CT 1.5MM REC CONT CRIMP TYPE



TE Part #926882-3
UNIV.M-N-L.SOCKET



TE Part #1-1747414-2
DYNAMIC 4200S TAB HSG 2P F/H X



TE Part #936213-2
MULTILOCK, CONNECTOR HOUSING



TE Part #293014-1
7 POS. FASTIN FASTON TAB HSG



TE Part #6-2349952-4
HSG,REC,PANEL MOUNT,EP2.5, Yellow, 4P



Documents

Product Drawings

[RT .171 DIA TERMINAL 20-16 AWG BR](#)

CAD Files

Customer View Model

[ENG_CVM_CVM_140523_H.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_140523_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_140523_H.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[Agency Approval Document](#)

English