

640271-3

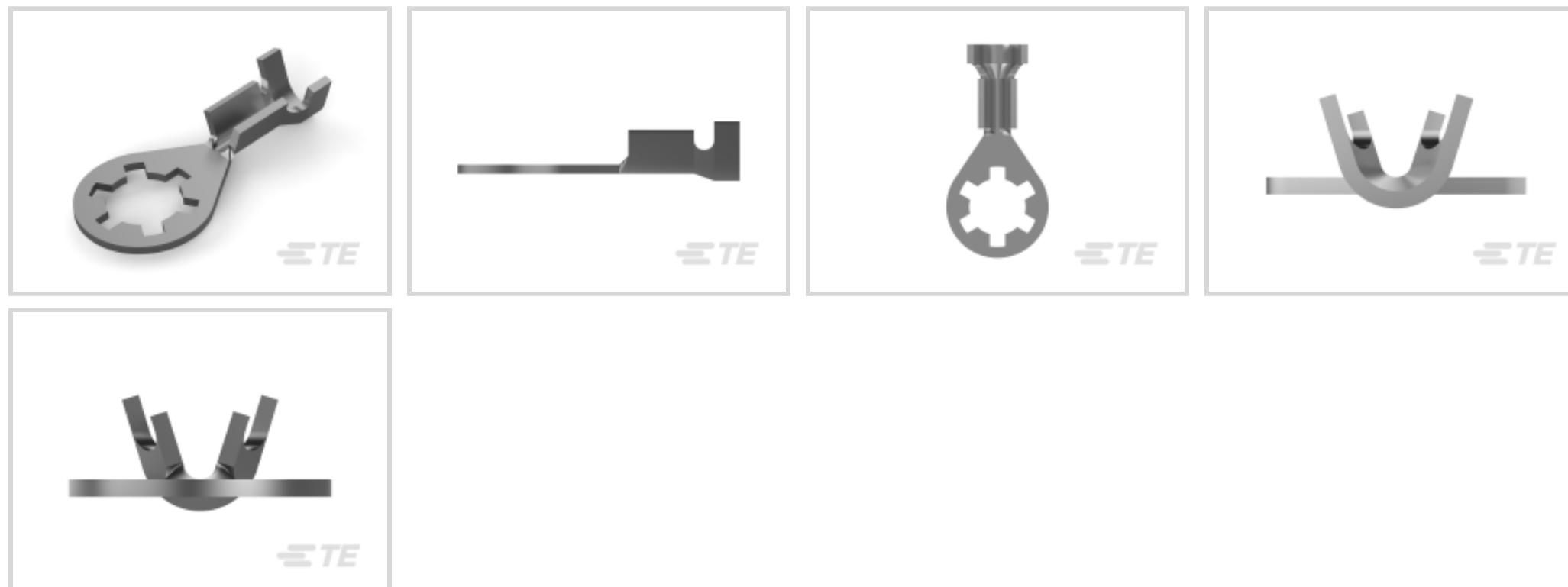
✓ ACTIVE

TE Internal #: 640271-3

Closed Ring Tongue Terminal, 22 – 18 AWG, #10 Stud, 5 mm [.197 in] Stud Diameter, Open Barrel, Straight, Tin Plating, Uninsulated

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Terminals & Splices > Ring Terminals

Ring Terminal Product Type: **Closed Ring Tongue Terminal**Wire Size: **640 – 1624 CMA**Stud Size: **#10**

Features

Product Type Features

| | |
|--|-----------------------------|
| Shape Description | Anti-Rotational/Grounding |
| Terminal Features | Sheared |
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | #10 |
| Sealable | No |
| Compatible With Discrete Wire Type | Stranded |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

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

Body Features

| | |
|----------------|--------|
| Product Weight | .619 g |
|----------------|--------|

Contact Features

| | |
|---------------------------|----------|
| Contact Base Material | Steel |
| Barrel Type | Open |
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin |

Contact Underplating Material

Nickel

Mechanical Attachment

Wire Insulation Support

With

Dimensions

| | |
|--------------------------------------|-------------------------------------|
| | .08 in |
| Wire Size | 640 – 1624 CMA |
| Stud Diameter | 5 mm [.197 in] |
| Tongue Thickness | .76 mm [.03 in] |
| Product Length | 19.56 mm [.77 in] |
| Barrel Inside Diameter | 1.14 mm, 3.04 mm [.045 in] [.12 in] |
| Compatible Insulation Diameter (Max) | 3.05 mm [.12 in] |
| Compatible Insulation Diameter Range | 2.03 – 3.05 mm [.08 – .12 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 | 7500 |
| Packaging Method | Strip/Reel |

Product ComplianceFor 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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC |

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

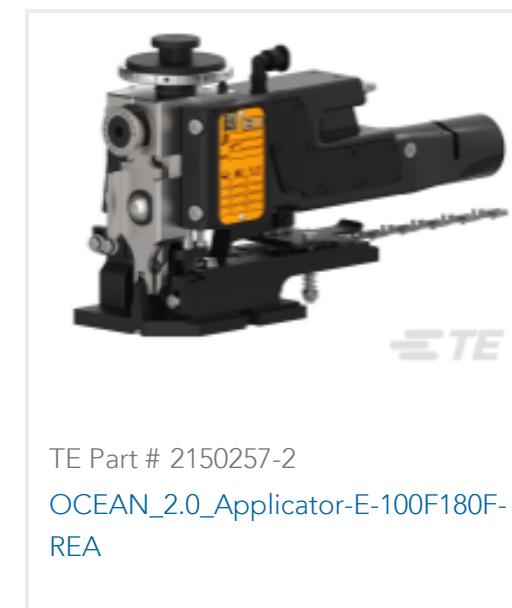
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

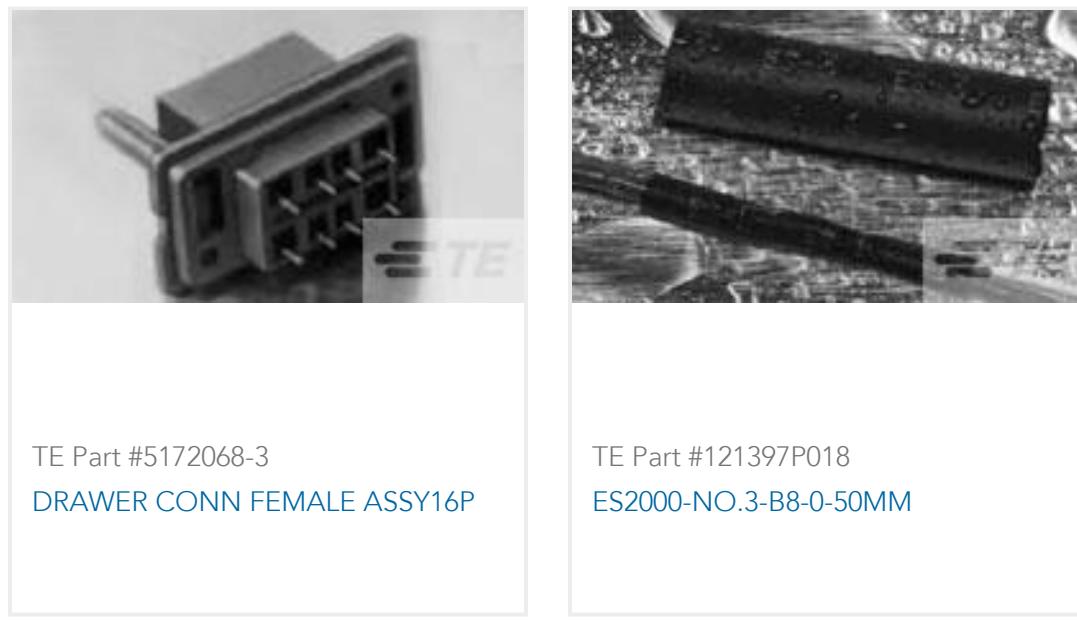
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Customers Also Bought





Documents

Product Drawings

RING 22-18 AWG TPST

English

CAD Files

Customer View Model

[ENG_CVM_CVM_640271-3_T.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_640271-3_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_640271-3_T.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

Agency Approvals

UL Report

English