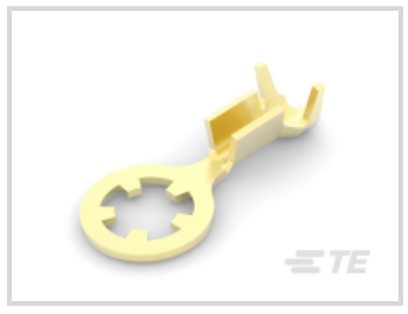
350509-1 ✔ ACTIVE

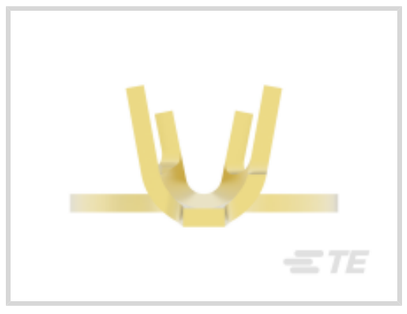
TE Internal #: 350509-1

Closed Ring Tongue Terminal, 22 – 16 AWG, #8 / M4 Stud, 4.14 mm [.17 in] Stud Diameter, Open Barrel, Straight, Unplated Plating, Uninsulated

View on TE.com >

Terminals & Splices > Ring Terminals




Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **640 – 2582 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Anti-Rotational/Grounding
Terminal Features	Sheared
Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
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	.657 g

Contact Features

Contact Base Material	Brass
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Unplated

Contact Underplating Material	None

Mechanical Attachment

Wire Insulation Support	With

Dimensions

	.105 in
Wire Size	640 – 2582 CMA
Stud Diameter	4.14 mm[.17 in]
Tongue Thickness	.64 mm[.025 in]
Product Length	19.61 mm[.772 in]
Barrel Inside Diameter	1.27 mm, 3.17 mm[.05 in][.125 in]
Compatible Insulation Diameter (Max)	2.67 mm[.105 in]
Compatible Insulation Diameter Range	2.7 mm[.105 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	6000
Packaging Method	Strip/Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

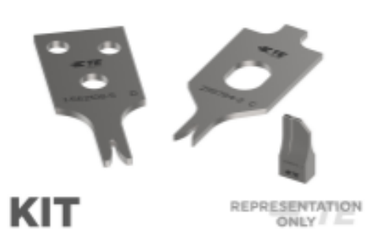
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F < 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 # 7-4150108-7
OCEAN_2.0_SPARE_PART_KIT-120F155O



TE Part # 160101-1
RING TONGUE 20-16 AWG 0.0253 BR



TE Part # 350436-2
RING TERMINAL 18-14 AWG TPST



TE Part # 61794-4
RING 18-14 AWG BR

TE Part # 640051-1
RING TONGUE .164 18-14 AWG SST

TE Part # 61795-6
RING 18-14 AWG TPBR

TE Part # 61795-3
RING 18-14 AWG TPBR

TE Part # 61436-2
RING 22-16 AWG TPBR



TE Part # 4150108-2
OCEAN-2.0-APPLICATOR-E-120F155O-REA



TE Part # 4150108-1
OCEAN-2.0-APPLICATOR-E-120F155O-REM



TE Part # 61436-1
RING 22-16 AWG BR

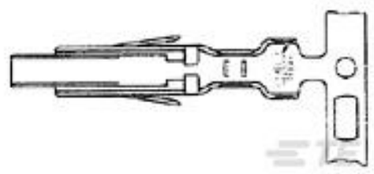


TE Part # 640052-1
RING 18-14 AWG SST

Customers Also Bought



TE Part #42452-1
187 FASTON REC 20-16 AWG BR



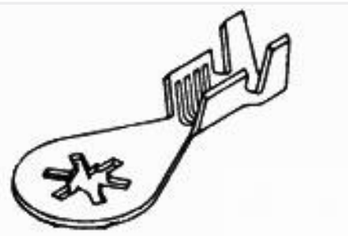
TE Part #170314-1
DRAWER CONN.CONTACT



TE Part #350700-1
UMNL SPLIT PIN PTPBR



TE Part #1-480303-0
03P CMNL PLUG HSG F/H NATL



TE Part #640271-3
RING 22-18 AWG TPST



TE Part #1609133-3
6ESRM-3=F6920



TE Part #1676458-2
RN 0805 8K66 0.1% 10PPM 1KRL



TE Part #1734100-5
Champ050 series,50pos,Au over PdNi



TE Part #5172625-3
DRAWER CONN. FEMALE ASSY 24P

TE Part #1-166959-2
F.POST CONTACT TIN - REVERSE REELING

Documents

Product Drawings

RING 22-16 AWG BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350509-1_H_c-350509-1-h.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350509-1_H_c-350509-1-h.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350509-1_H_c-350509-1-h.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