109452-6 ✔ ACTIVE

TE Internal #: 109452-6

Closed Ring Tongue Terminal, 18 – 14 AWG, #10 Stud, 5.36 mm [.211 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: **2050 – 5180 CMA**

Stud Size: **#10**

Features

Product Type Features

Shape Description	Circular/Oval
Terminal Features	Heavy Duty
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

Contact Features

Contact Base Material	Brass
Barrel Type	Open
Terminal Orientation	Straight
Terminal Plating Material	Tin
Contact Underplating Material	None

Mechanical Attachment

Wire Insulation Support	With

Dimensions

	.105 in
Wire Size	2050 – 5180 CMA
Stud Diameter	5.36 mm[.211 in]
Tongue Thickness	.51 mm[.02 in]
Product Length	17.27 mm[.68 in]
Barrel Inside Diameter	1.42 mm, 4.06 mm[.056 in][.16 in]
Compatible Insulation Diameter (Max)	4.32 mm[.17 in]
Compatible Insulation Diameter Range	2.67 – 4.32 mm[.105 – .17 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	12500
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

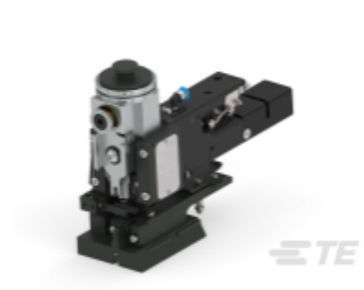
Solder Process Capability

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

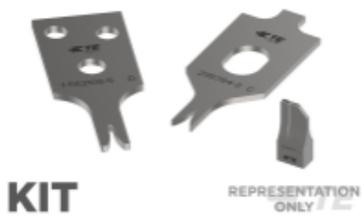
Compatible Parts



TE Part # 2150375-1
OCEAN_2.0_Applicator-E-110F190F-REM



TE Part # 2150375-2
OCEAN_2.0_Applicator-E-110F190F-REA



TE Part # 7-2150375-7
OCEAN_2.0_SPARE_PART_KIT-110F190F

Customers Also Bought



TE Part #NB14494001
VERSAFIT-3/8-0-SP



TE Part #32995
TERMINAL,SOLIS SPD 12-10 8



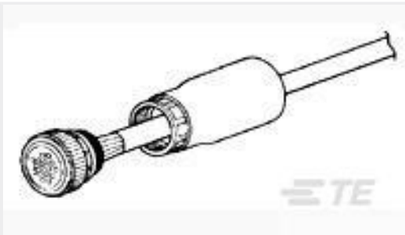
TE Part #34118
SOLIS SPD 22-16COMM22-18MIL 10



TE Part #34321
SPLICE,SOLIS BUTT 8



TE Part #42660-1
250 FASTON REC 18-14 AWG BR



TE Part #54012-1
CPC STRAIN RELIEF,SIZE 23



TE Part #2-66741-1
TYPE XII FEMALE CONT (L.P.)



TE Part #207485-1
CPC PLUG ASSEMBLY SIZE 23-16



TE Part #1658539-1
PIN CONT DUPL PLT STRIP HD-20



TE Part #1-1670918-1
4POS, MCON 1.2 LL REC SEALED

Documents

Product Drawings

RING TONGUE 170 (4.32 MM)18-14 AWG PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_109452-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_109452-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_109452-6_E.3d_stp.zip

English

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Product Specifications

Application Specification

English