640102-1 ✔ ACTIVE

TE Internal #: 640102-1

Closed Ring Tongue Terminal, 18 – 14 AWG, #8 / M4 Stud, 4.34 mm [.171 in] Stud Diameter, Open Barrel, Straight, Tin Plating, Uninsulated

View on TE.com >

Terminals & Splices > Ring Terminals






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

Wire Size: **1624 – 4106 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	Circular/Oval
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	.967 g

Contact Features

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

Contact Underplating Material	Nickel

Mechanical Attachment

Wire Insulation Support	With

Dimensions

	.14 in
Wire Size	1624 – 4106 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	.76 mm[.03 in]
Product Length	11.18 mm[.44 in]
Barrel Inside Diameter	1.7 mm, 4.31 mm[.07 in][.17 in]
Compatible Insulation Diameter (Max)	4.83 mm[.19 in]
Compatible Insulation Diameter Range	3.56 – 4.83 mm[.14 – .19 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	8000
Packaging Method	Strip/Reel

Product Compliance

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

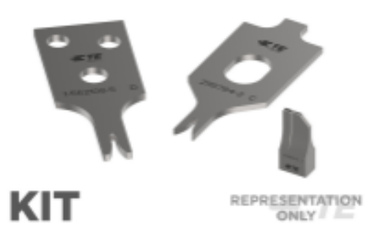
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 7-2150075-7
OCEAN_2.0_SPARE_PART_KIT-130F240F



TE Part # 2150075-1
OCEAN_2.0_APPLICATOR-E-130F240F-REM



TE Part # 2150075-2
OCEAN_2.0_APPLICATOR-E-130F240F-REA



TE Part # 2150095-2
OCEAN_2.0_APPLICATOR-E-080F110OV-REA

Customers Also Bought



TE Part #1-480277-0
09P CMNL CAP HSG P/M NATL



TE Part #ANT-916-PW-QW
Antenna 1/4 Wave Whip 916MHz RG174



TE Part #CONMMCX012
MMCX Jack 50 Ohm Cable Crimp



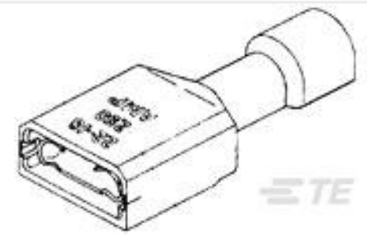
TE Part #745203-9
09 HDE AP PLUG, LEAD FREE



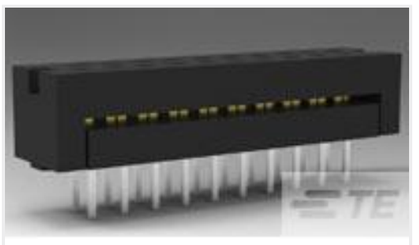
TE Part #141456-1
SKT ASSY, SHUR,INS, 4 MM DIA, 22-16 AWG



TE Part #5745781-6
09 MSFL RCPT RA 318 (SL,FM)



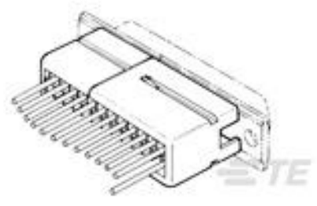
TE Part #2-520306-2
ULTRA-FAST .110/.125 ASY REC 22-18 TPBR



TE Part #1-746610-7
30 DIP PLUG, 100CL, LEAD FREE



TE Part #745201-7
09 HDE AP RECEPT, LEAD FREE



TE Part #745530-1
9 POS COVER KIT

Documents

Product Drawings

RING 18-14 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_640102-1_G_c-640102-1-g.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_640102-1_G_c-640102-1-g.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_640102-1_G_c-640102-1-g.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English