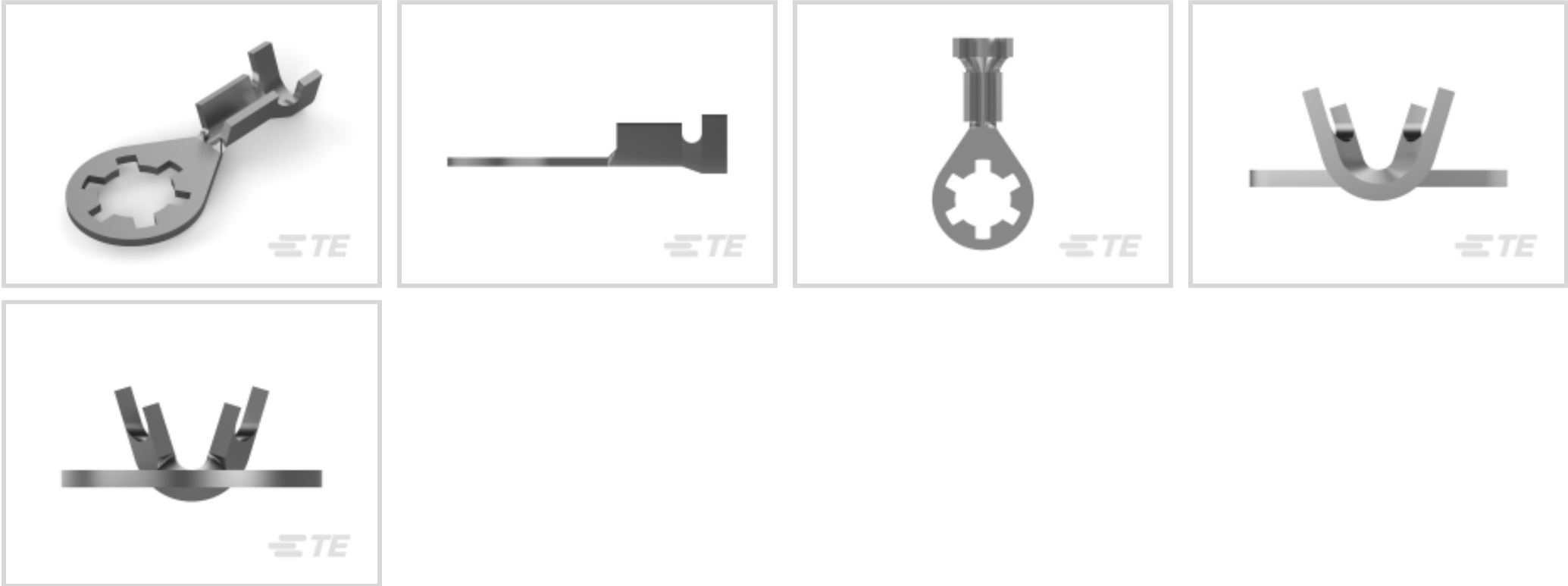




Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **640 – 1624 CMA**

Ring & Spade Stud Size: **#10**

Features

Product Type Features

Terminal Features	Sheared
Shape Description	Anti-Rotational/Grounding
Ring & Spade Stud Size	#10
Ring & Spade Barrel Type	Open Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Inspection Slot	No
Weight per Piece	.619 g
Ring & Spade Plating Material	Tin

Contact Features



Contact Base Material	Steel
Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Straight
Underplating Material	Nickel

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

	.08 in
Wire Size	640 – 1624 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	.76 mm[.03 in]
Ring & Spade Overall Length	19.56 mm[.77 in]
Barrel Inside Diameter	1.14 mm, 3.04 mm[.045 in][.12 in]
Ring & Spade Wire Insulation Diameter (Max)	3.05 mm[.12 in]
Ring & Spade Wire Insulation Diameter	2.03 – 3.05 mm[.08 – .12 in]

Usage Conditions

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

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	7500
Ring & Spade 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 2021 (211)
Candidate List Declared Against: JAN 2021 (211)
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 # 2-2150257-1
OCEAN_2.0_Applicator-E-100F180F

TE Part # 2-2150257-2
OCEAN_2.0_Applicator-E-100F180F

TE Part # 2150257-1
OCEAN_2.0_Applicator-E-100F180F

TE Part # 2150257-2
OCEAN_2.0_Applicator-E-100F180F

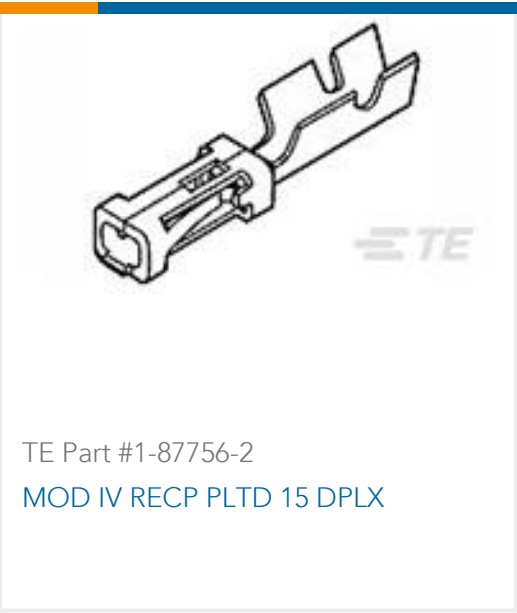
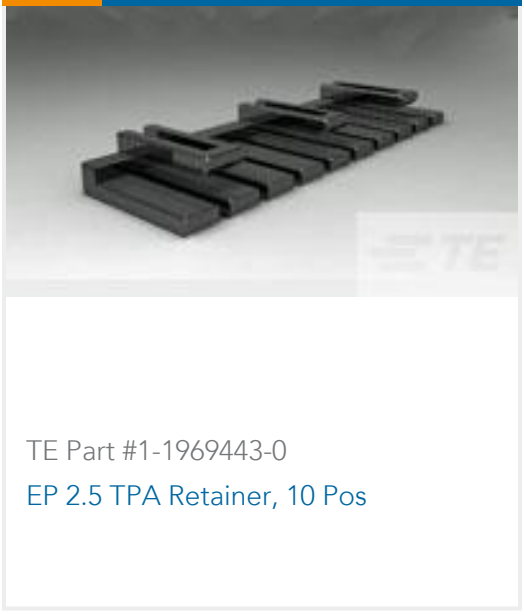
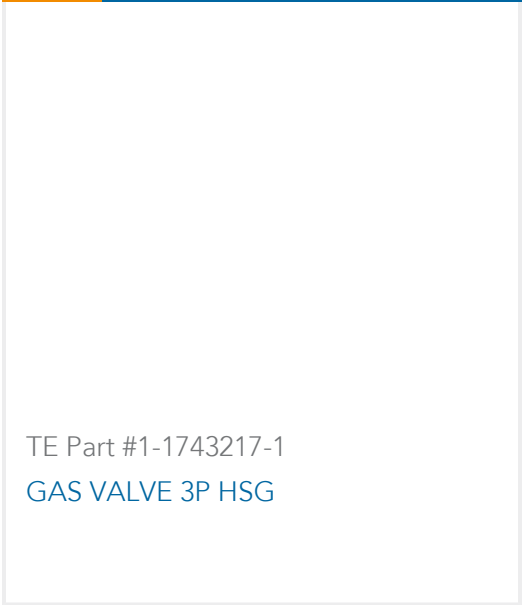
TE Part # 7-2150257-1
OCEAN_2.0_Applicator-E-100F180F

TE Part # 7-2150257-2
OCEAN_2.0_Applicator-E-100F180F

TE Part # 7-2150257-7
OCEAN_2.0_SPARE_PART_KIT-100F180F

Customers Also Bought



 TE Part #1376387-1 Glow Wire Power Key Header	 TE Part #1-480304-0 03P CMNL PLUG HSG P/M NATL	 TE Part #1-480706-9 09P UMNL PLUG HSG BLK	 TE Part #1-87756-2 MOD IV RECP PLTD 15 DPLX
 TE Part #1-1969186-1 312 FASTON HSG, REC, BLACK	 TE Part #1-1969443-0 EP 2.5 TPA Retainer, 10 Pos	 TE Part #1217039-1 TIMER CONNECTOR GEN 3 18-14 POST-TPBR	 TE Part #1-1955422-7 STD TIM MK2 GEH 3P, V0
 TE Part #794714-3 06P UMNL CAP HSG RED, PAN MNT	 TE Part #1-1743217-1 GAS VALVE 3P HSG		

Documents

Product Drawings

RING 22-18 AWG TPST

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_640271-3_T.2d_dxf.zip

English

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

Product Environmental Compliance

MD_640271-3_10032012250

English

MD_640271-3_10032012250

English

Agency Approvals

UL Report

English