



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **83700 – 119500 CMA**

Ring & Spade Stud Size: **1/4, M6**

Features

Product Type Features

Shape Description	RING-049
Ring & Spade Stud Size	1/4, M6
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	No
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Non - Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Weight per Piece	23.45 g
Ring & Spade Plating Material	Copper, Tin

Contact Features

Military Part Class	Class II
Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Offset

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions



Wire Size	83700 – 119500 CMA
Stud Diameter	6.35 mm[.25 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	48.89 mm[1.92 in]
Barrel Inside Diameter	11.28 mm[.444 in]

Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	170 °C[338 °F]

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	Yes
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Packaging Features

Packaging Quantity	50
Ring & Spade Packaging Method	Box

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

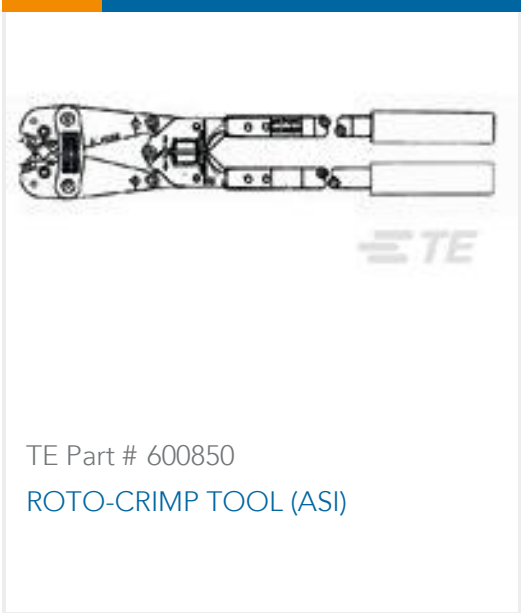
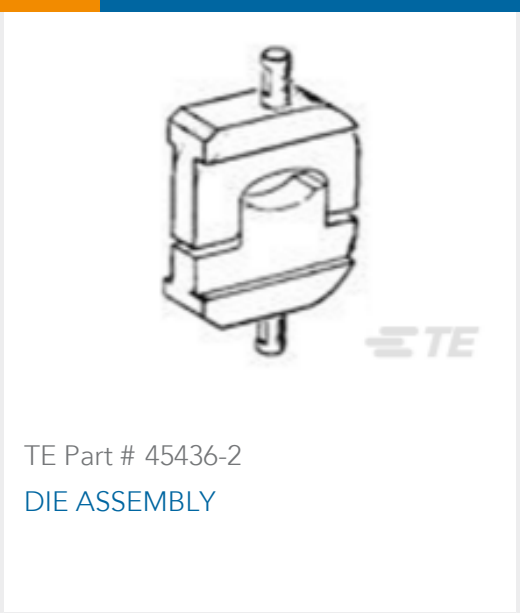
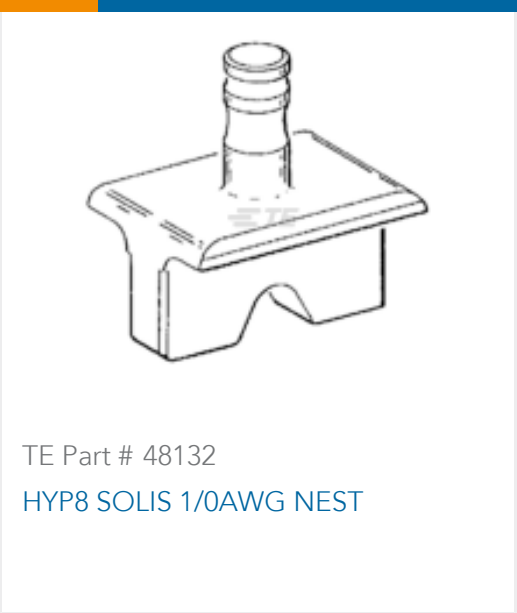
Product Compliance Disclaimer

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

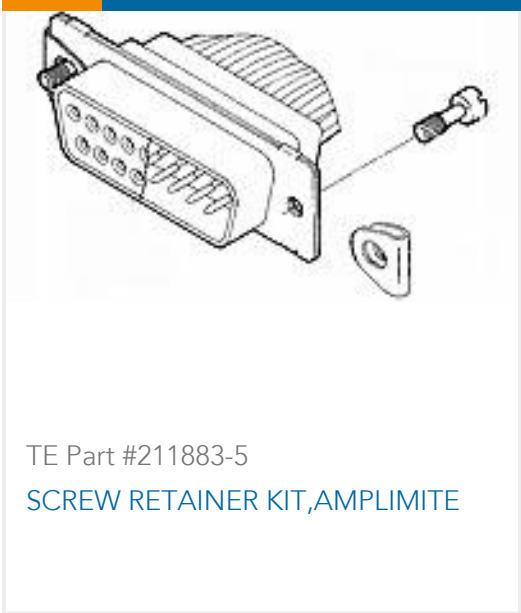


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 1490414-3 HYP10 SOLIS HD 1/0AWG INDENTER	 TE Part # 601075 BANTAM ROTA-CRIMP TOOL	 TE Part # 1490413-5 HYP10 SOLIS 1/0AWG NEST	 TE Part # 45436 HYP8/10 SOLIS 1/0AWG DIE SET
 TE Part # 48131 HYP8 SOLIS 1/0-4/0AWG INDENTER	 TE Part # 600850 ROTO-CRIMP TOOL (ASI)	 TE Part # 45436-2 DIE ASSEMBLY	 TE Part # 48132 HYP8 SOLIS 1/0AWG NEST

Customers Also Bought

 TE Part #1393114-9 KUEP-7D15-110=KU	 TE Part #211883-5 SCREW RETAINER KIT,AMPLIMITE	 TE Part #DTS26W17-35SN D38999: Straight Plug, 17-35 Insert	 TE Part #1648157-1 242-28-01100
 TE Part #118577-000 S01-05-R	 TE Part #1648151-1 241-27-01100	 TE Part #1-1318300-8 3.96 EP HDR ASSY 8P NAT/TUBE	 TE Part #1-1744489-0 3.96 EP HDR ASY 10P NO PEG, GW



TE Part #1-1423696-0 NUT,3/8,KNURL,15.0,BRASS	TE Part #2-57040-1 Madison Spec 100-4703 Rev. 7
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Documents

Product Drawings

BODY SOLIS RING 1/0 1/4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_321866_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_321866_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_321866_U.3d_stp.zip

English

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Agency Approvals

UL Report

English

UL Report

English