



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **83700 – 119500 CMA**

Ring & Spade Stud Size: **7/16**

Features

Product Type Features

Shape Description	RING-049
Ring & Spade Stud Size	7/16
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

Inspection Slot	No
Weight per Piece	27.503 g
Ring & Spade Plating Material	Copper, Tin

Contact Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	83700 – 119500 CMA
Stud Diameter	11.51 mm[.453 in]
Tongue Thickness	1.78 mm[.07 in]
Ring & Spade Overall Length	49.68 mm[1.96 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	No
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Packaging Features

Packaging Quantity	50
Ring & Spade Packaging Method	Loose Piece

Other

Comment	Military Part No. -150 is AWG 1 and -152 is AWG 1/0.
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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



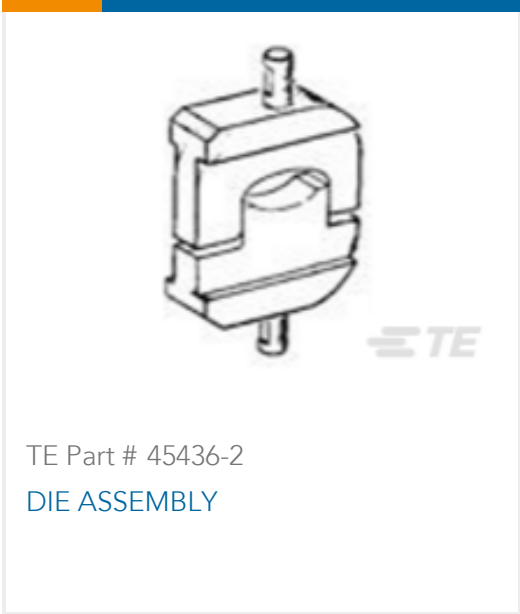
TE Part # 1490413-5
HYP10 SOLIS 1/0AWG NEST



TE Part # 45436
HYP8/10 SOLIS 1/0AWG DIE SET



TE Part # 48131
HYP8 SOLIS 1/0-4/0AWG INDENTER



TE Part # 45436-2
DIE ASSEMBLY



TE Part # 48132
HYP8 SOLIS 1/0AWG NEST

Customers Also Bought



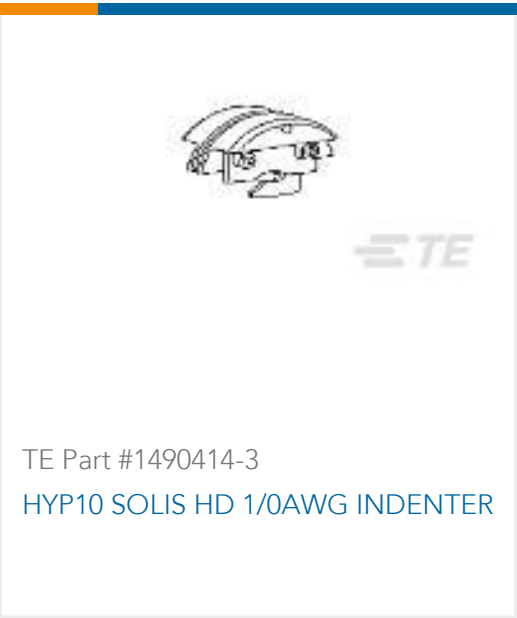
TE Part #1-487769-3
2.54mm FFC Connectors Receptacle Housing



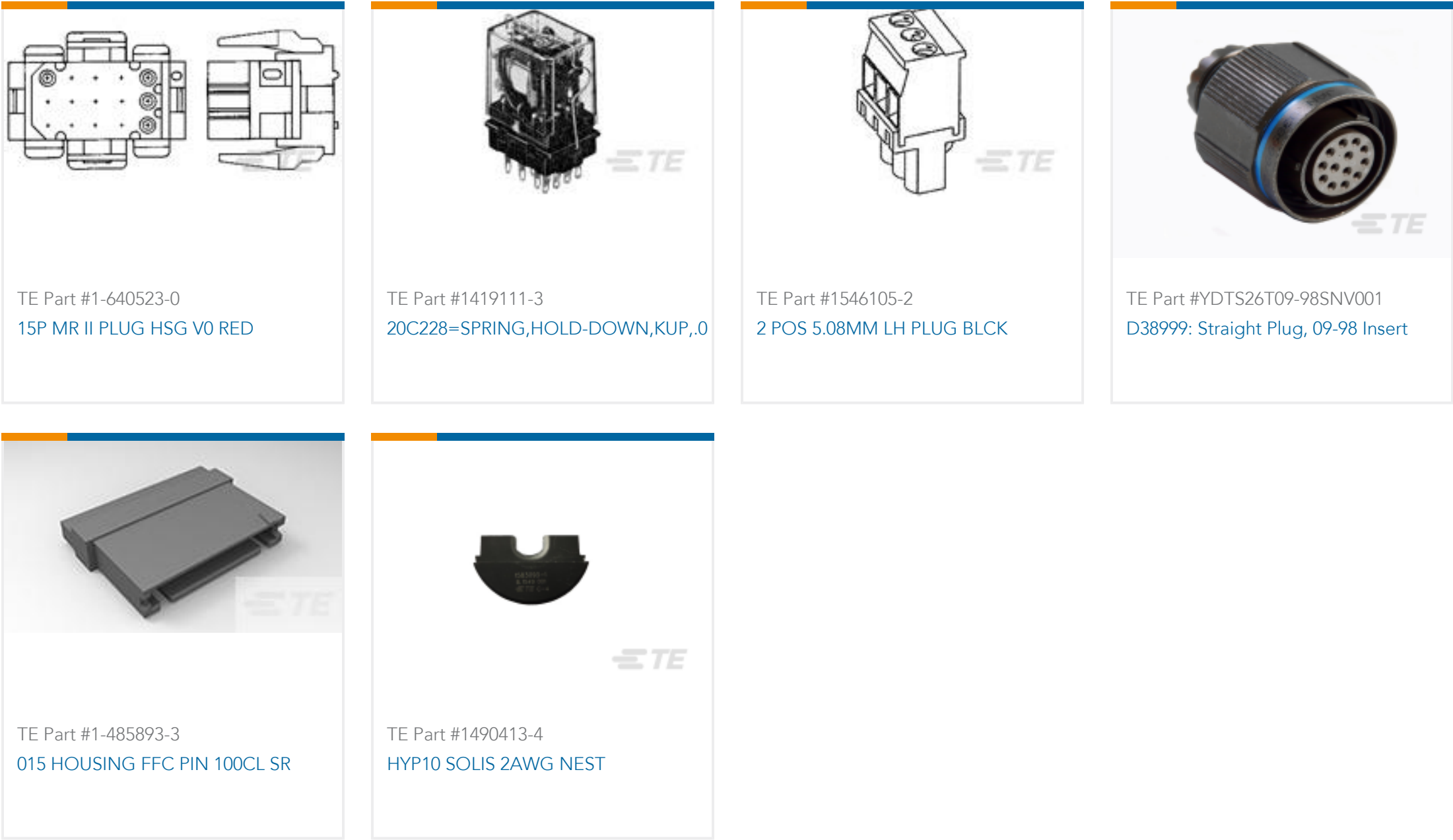
TE Part #1-640550-0
Polyester PCB Connector Covers: 2.54 mm, MTA 100



TE Part #1490413-3
HYP10 SOLIS 4AWG NEST



TE Part #1490414-3
HYP10 SOLIS HD 1/0AWG INDENTER



Documents

Product Drawings
TERMINAL,SOLIS R 1/0 7/16

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_36918_AE.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_36918_AE.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_36918_AE.3d_stp.zip
English

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Agency Approvals
UL Report
English
UL Report
English