



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **250 VAC**
Contact Retention Within Housing: **With**

Features

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Diameter	3.56 mm[.14 in]
Contact Length	20 mm[.787 in]
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	28 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

Compatible Insulation Diameter Range	1.4 – 2.3 mm[.055 – .09 in]
Wire Size	.5 – .1 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	2500
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: 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 # 1-480585-0 09P .140 MNL PLUG NAT	 TE Part # 1-350346-0 03P .140 MNL PLUG P/M NAT	 TE Part # 1-480672-0 09P .140 MNL PLUG PM NAT	 TE Part # 1-350344-0 02P .140 MNL PLUG NAT
 TE Part # 1-480510-0 04P .140 MNL PLUG NAT	 TE Part # 539764-1 EXTRACTION TOOL	 TE Part # 925451-1 M-N-L SOCKET HSG	 TE Part # 1-480672-9 09P .140 MNL PLUG PM BLK
 TE Part # 539669-2 MATRIZE .140 DIAPIN			

Also in the Series | Commercial MATE-N-LOK

 Connector Caps & Covers(2)	 Connector Contacts(150)	 Connector Seals & Cavity Plugs(1)	 Crimp Wire Pins, Tabs & Ferrules(2)
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Insertion & Extraction Tools(3)



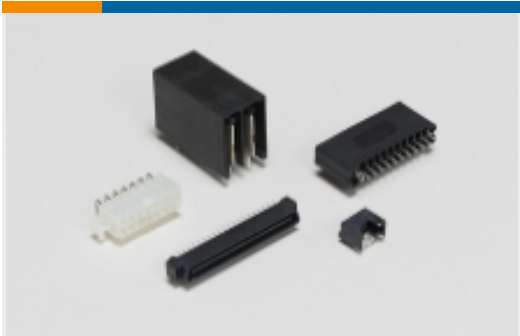
Rectangular Connector Housings(9)



Rectangular Power Connectors(166)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

Customers Also Bought



TE Part #1-967625-6
JUN-POW-TIM GEH 21P



TE Part #965576-1
ABDECKKAPPE 90GRD



TE Part #1801179-1
3W RECEPTACLE HPSSL CONNECTOR
BLACK



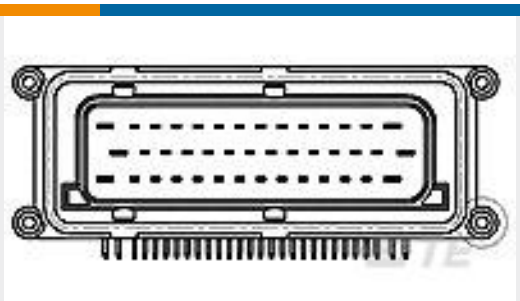
TE Part #1-1803188-6
CRIMPER, WIRE F



TE Part #1-456405-7
CRIMPER WIRE .080 F



TE Part #1803019-7
CRIMPER, INSULATION O



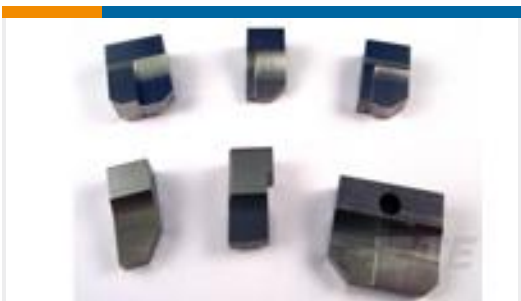
TE Part #1-967280-1
MESSERLEISTE MIX42P



TE Part #1-1752356-8
SUPPORT, TERMINAL



TE Part #2119083-1
RETAINER, INSULATION DIAL



TE Part #879453-7
ANVIL

Documents



Product Drawings

MNL SOCKET 3,5 MM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_927844-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_927844-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_927844-2_A.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