927843-2 ✔ ACTIVE

MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 927843-2

Socket Contact, Tin, 250 VAC, Locking Lance Contact Retention, 20 – 17 AWG Wire Size, .52 – 1.04 mm² Wire Size, Crimp, Commercial MATE-N-LOK

View on TE.com >

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

Packaging Features

Packaging Method	Reel
Packaging Quantity	2500

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.3 mm[.055 – .09 in]
Wire Size	.52 – 1.04 mm²

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Orientation	Straight
Mating Pin Diameter	3.56 mm[.14 in]
Wire Contact Termination Area Plating Thickness	.8 – 2 µm[31.5 – 78.74 µin]
Wire Contact Termination Area Plating Material Finish	Bright
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)	17 A

Electrical Characteristics

Operating Voltage	250 VAC

Termination Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

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

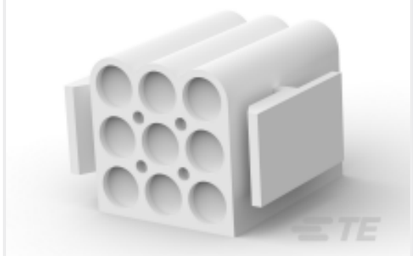
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

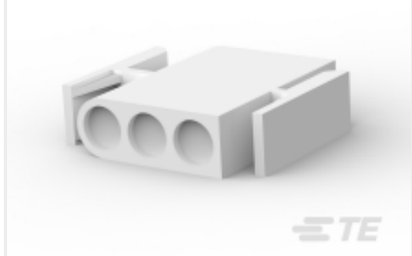
Compatible Parts



TE Part # 539764-1
EXTRACTION TOOL



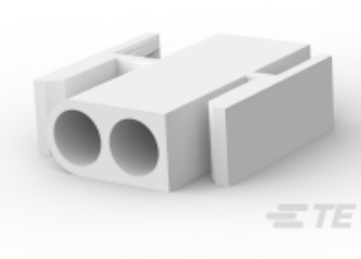
TE Part # 1-480585-0
09P .140 MNL PLUG NAT



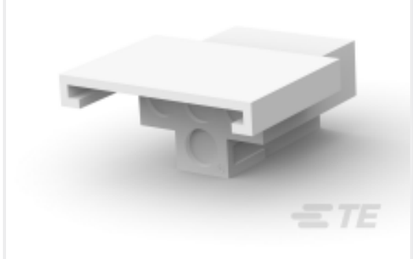
TE Part # 1-350346-0
03P .140 MNL PLUG P/M NAT



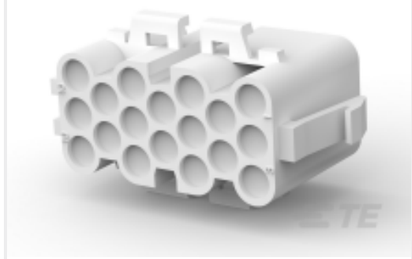
TE Part # 1-480672-0
09P .140 MNL PLUG PM NAT



TE Part # 1-350344-0
02P .140 MNL PLUG NAT



TE Part # 1-480510-0
04P .140 MNL PLUG NAT



TE Part # 925451-1
M-N-L SOCKET HSG



TE Part # 1-480672-9
09P .140 MNL PLUG PM BLK



TE Part # 2836426-1
OCEAN_2.0_Applicator-S-080F110OV-SSM



TE Part # 2836426-2
OCEAN_2.0_Applicator-S-080F110OV-SSA

Also in the Series | Commercial MATE-N-LOK



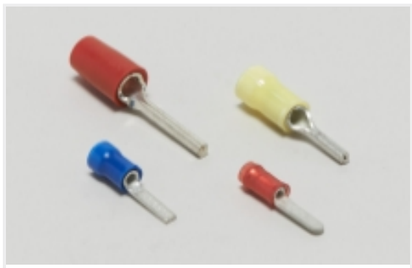
Connector Caps & Covers(2)



Connector Contacts(150)



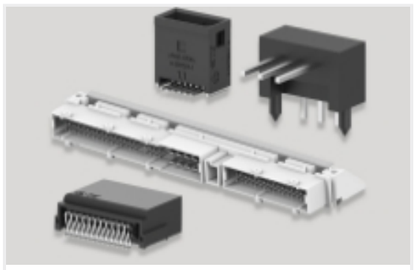
Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



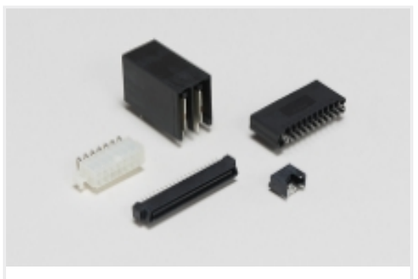
Rectangular Connector Housings(9)



Rectangular Power Connectors(115)



Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

Customers Also Bought



TE Part #6-1718321-3
AMP MCP2.8 RECEPTACLE HSG.,39P



TE Part #6-963449-1
Timer Connector Housing



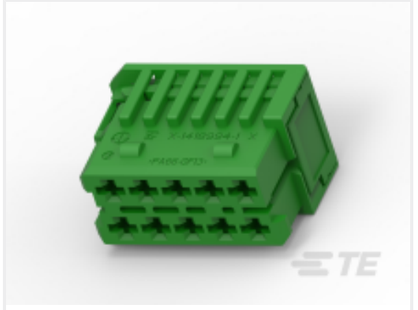
TE Part #HDP26-24-18SE
PLG, 18P, BLK, E, 8/12/16, S



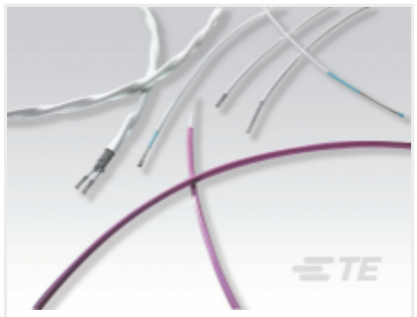
TE Part #969042-1
SPT A REC 6.3 Contact SWS Sn



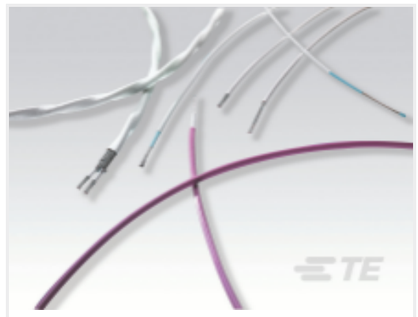
TE Part #DT06-3S-LC01
PLG, 3P, BLK, E, SL RT, DIN BKSHL ADPT



TE Part #3-1418994-1
AMP MCP 2.8 HSG.WITH SEC.10POS.



TE Part #EQ01113001
55E0119-2.50-3(NS)



TE Part #CD08343001
55E0119-0.75-1(NS)

Documents

Product Drawings

.140 SOCKET

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_927843-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_927843-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_927843-2_B.3d_stp.zip

English

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Product Specifications

Application Specification

English