925451-1 ✔ ACTIVE

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

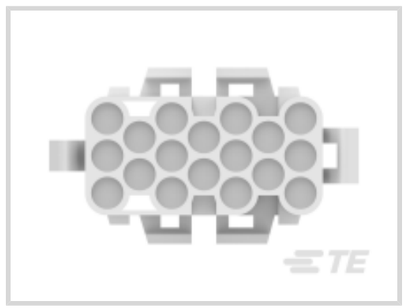
TE Internal #: 925451-1

18 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 5.2 mm / 6 mm [.205 in / .236 in] Centerline, 5 Row, 250 VAC, Commercial MATE-N-LOK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors




Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Termination Method to Wire & Cable: **Crimp**

Connector System: **Wire-to-Wire**

Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	18
Number of Rows	5

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5.2 mm, 6 mm[.205 in][.236 in]
Housing Material	Polyamide 6.6

Dimensions

Connector Height	24.5 mm
Row-to-Row Spacing	3 mm[.118 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F < 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

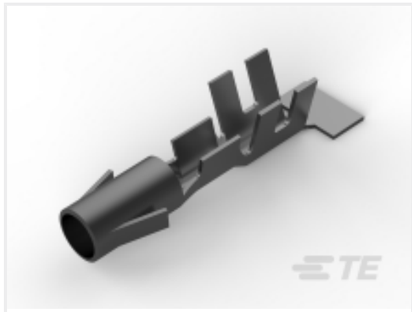
Compatible Parts



TE Part # 926986-1
MNL BUCHSE 3,5 MM



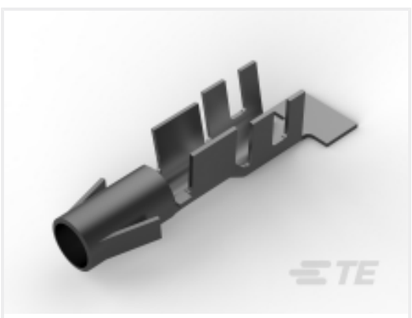
TE Part # 61626-1
.140 DIA SOK 20-14 PTPBR



TE Part # 350388-1
.140 DIA SOK 20-14 PTPBR L/P



TE Part # 927843-2
.140 SOCKET



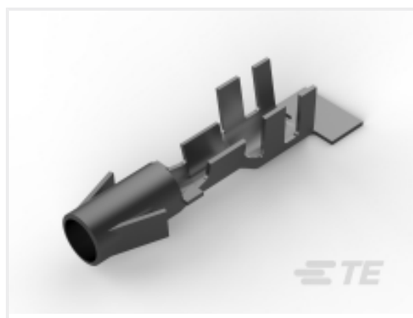
TE Part # 350390-1
.140 DIA SOK 14-10 PTPBR L/P



TE Part # 927844-2
MNL SOCKET 3,5 MM



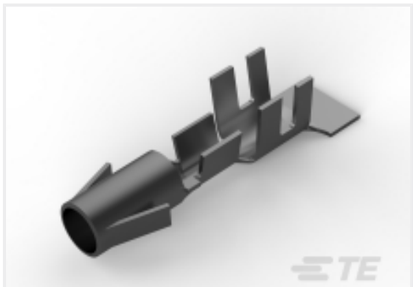
TE Part # 925661-2
.140 DIA SOCKET



TE Part # 925714-1
MATENLOK SOCKET



TE Part # 925851-2
140 DIA SOCK.MNL



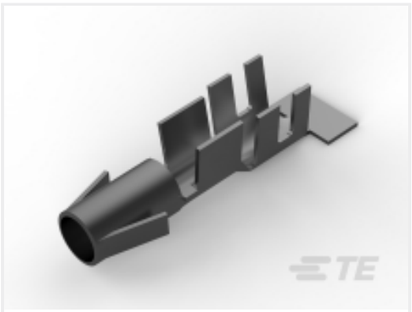
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TE Part # 925712-2
.140 DIA SOCKET



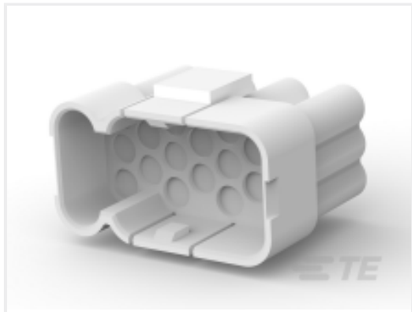
TE Part # 925661-1
.140 DIA SOCKET



TE Part # 350200-1
.140 DIA SOK 14-10 PTPBR



TE Part # 350390-2
.140 DIA SOK 14-10 PTPPHBZ L/P



TE Part # 925450-1
M-N-L PIN HSG



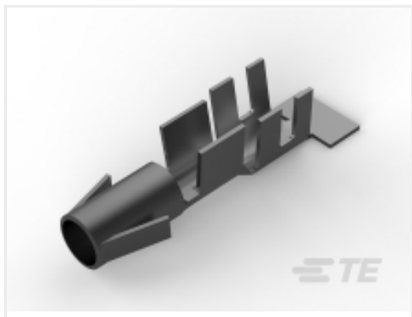
TE Part # 925663-1
.140 DIA SOCKET



TE Part # 925866-2
.140 DIA SOCKET



TE Part # 880687-1
.140 DIA SOCKET



TE Part # 350200-2
.140 DIA SOK 14-10 PTPPHBZ



TE Part # 927860-2
KONTAKTBUCHSE 3,5MM

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



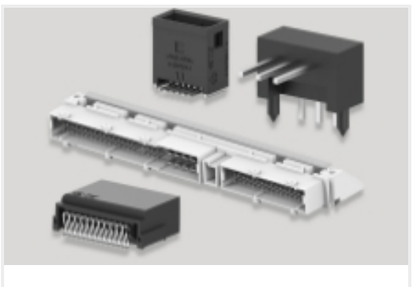
Connector Contacts(150)



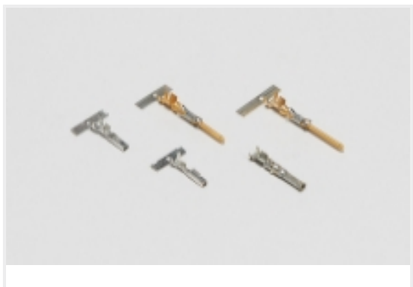
Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(55)



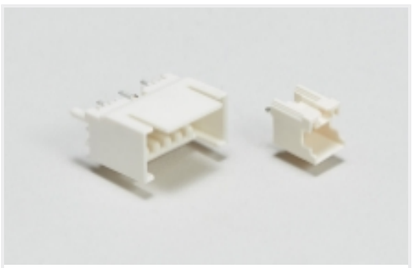
Power Contacts(146)



Rectangular Power Connectors(181)



Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles (55)

Customers Also Bought

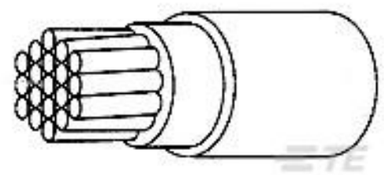
TE Part #BAB0258-00
BTH1-11-06-4-C



TE Part #BTH1-09-04-1-B
BTH1-09-04-1-B

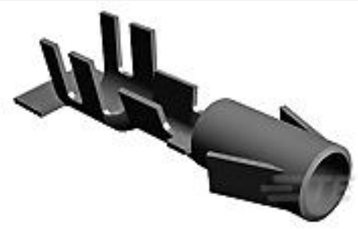


TE Part #EH3261-000
ZH150-3/1.5-0-SP



TE Part #3025373001
100G0111-1.20-2

TE Part #BAE0461-00
BTH1-25-10-4-C



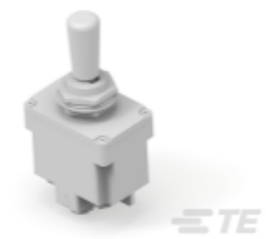
TE Part #925661-1
.140 DIA SOCKET



TE Part #1-968849-1
AMP MCP 2.8, CONTACT



TE Part #2031973-2
SDE UMNL 1.0-3.3mm2 DIE SET



TE Part #K1003186
Toggle Switch 08-2-1-24

TE Part #A81929-000
HX-SCE-3.2-50-4

Documents

Product Drawings

M-N-L SOCKET HSG

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_925451-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_925451-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_925451-1_B.3d_stp.zip

English

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Product Specifications

Product Specification

English