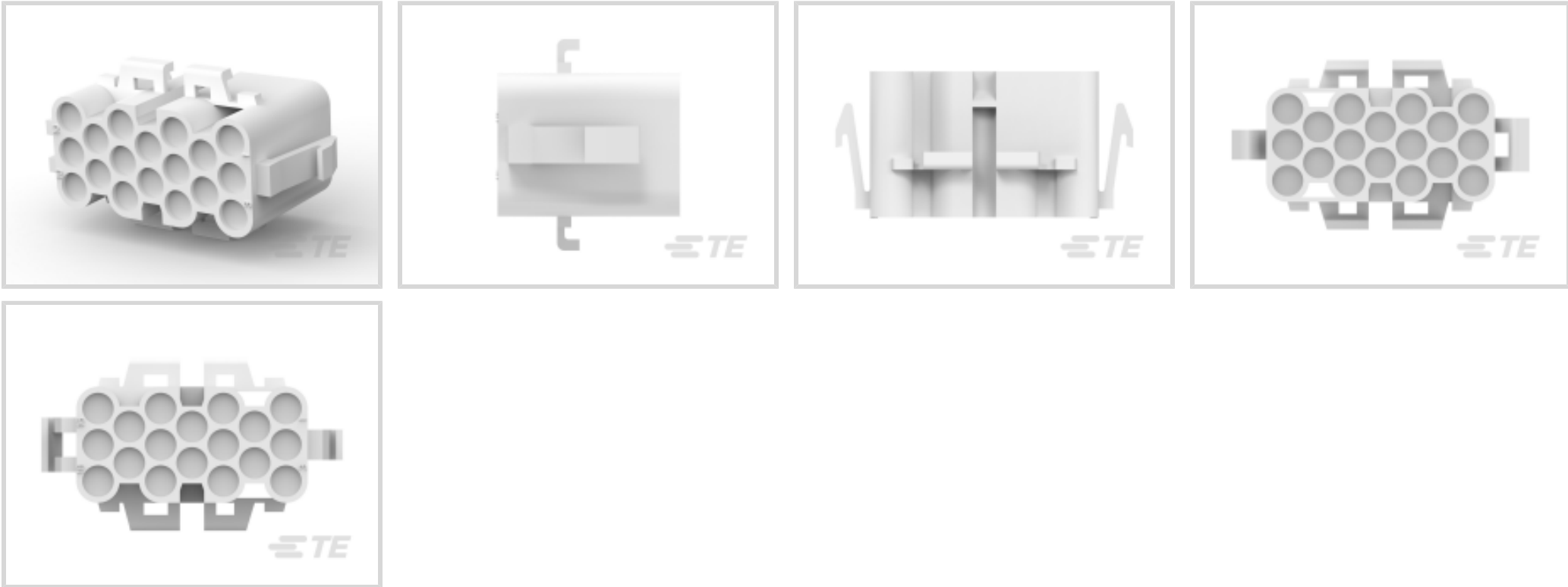




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **18**

Centerline (Pitch): **5.2 mm, 6 mm [.205 in, .236 in]**

Features

Product Type Features

Rectangular Power Connector 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
-------------------	---------

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 Color	Natural
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 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

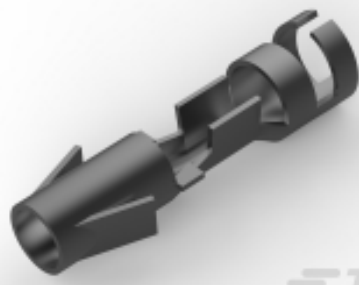
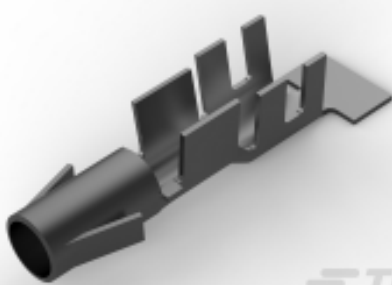
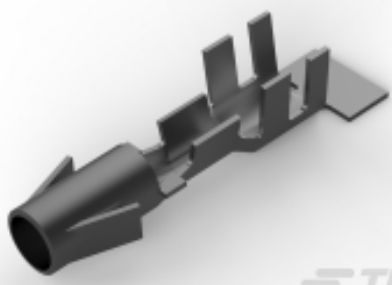
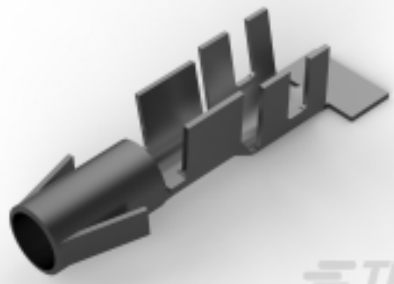
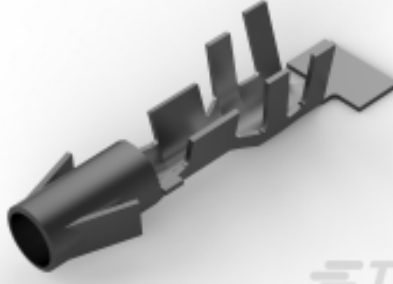
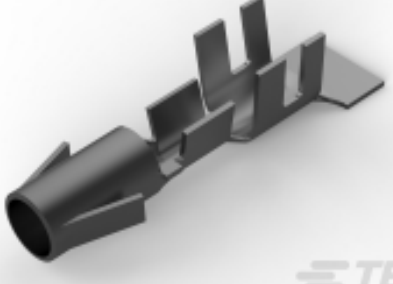
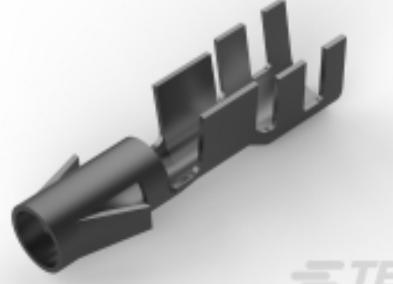
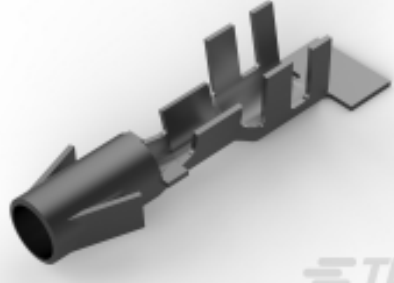
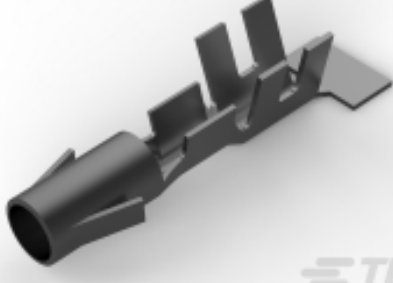
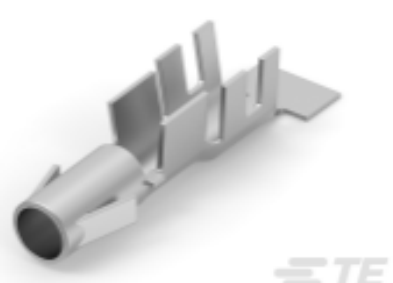
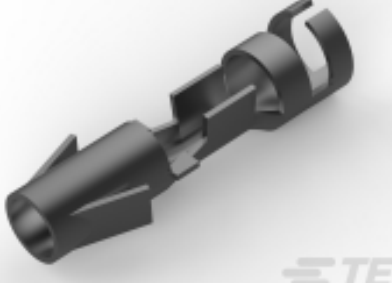
Solder Process Capability

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 # 925663-1 .140 DIA SOCKET	 TE Part # 925661-2 .140 DIA SOCKET	 TE Part # 350390-1 .140 DIA SOK 14-10 PTPBR L/P	 TE Part # 925714-2 MATENLOK SOCKET.140
 TE Part # 350200-2 .140 DIA SOK 14-10 PTPPHBZ	 TE Part # 880687-2 .140 DIA SOCKET	 TE Part # 61626-1 .140 DIA SOK 20-14 PTPBR	 TE Part # 925712-1 .140 DIA SOCKET
 TE Part # 925714-1 MATENLOK SOCKET	 TE Part # 350388-1 .140 DIA SOK 20-14 PTPBR L/P	 TE Part # 350390-2 .140 DIA SOK 14-10 PTPPHBZ L/P	 TE Part # 925661-1 .140 DIA SOCKET



TE Part # 925712-2
.140 DIA SOCKET



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



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



TE Part # 61626-2
.140 DIA SOK 20-14 PTPPHBZ



TE Part # 926986-2
MNL BUCHSE 3,5 MM



TE Part # 927843-2
.140 SOCKET



TE Part # 927860-2
KONTAKTBUCHSE 3,5MM



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

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)



Rectangular Connector Housings(9)



Rectangular Power Connectors(166)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

Customers Also Bought



TE Part #206226-1
CPC PLUG ASSEMBLY SIZE 23-7



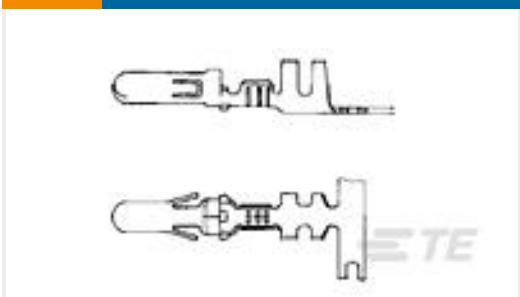
TE Part #1-188275-2
MICRO-MATCH SMD FTE



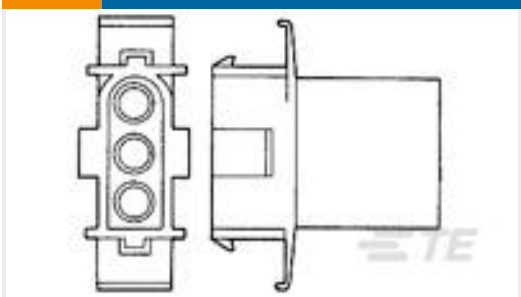
TE Part #8-215083-0
MICRO-MATCH MOW.10P



TE Part #193991-4
PIN ASSY. TPE XII



TE Part #925660-1
.140 DIA PIN



TE Part #1-350345-0
02P .140 MNL CAP P/M NAT



TE Part #3-826629-6
1X36 POS AMPMODU II HEADER



TE Part #1-963749-1
TAB TAB 1.0-2.5 MM2 PTPPHBZ

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications
Product Specification

English