



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Nickel**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Shape & Form	Round
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Nickel
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	15 A
Mating Pin Diameter	2.03 mm[.08 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]



Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

Dimensions

Wire Size	.05 – .33 mm²
Compatible Insulation Diameter Range	1.02 – 1.91 mm[.04 – .075 in]

Usage Conditions

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

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1000
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

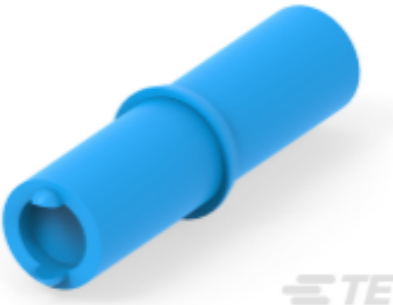
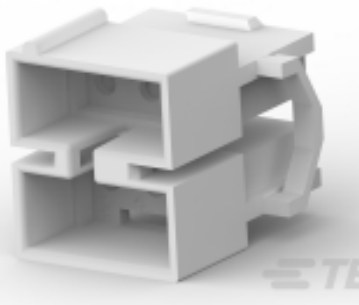
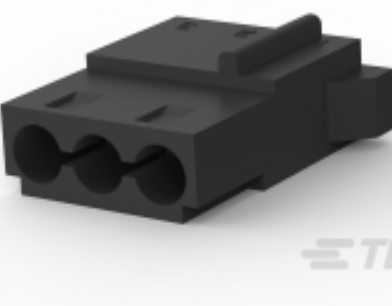
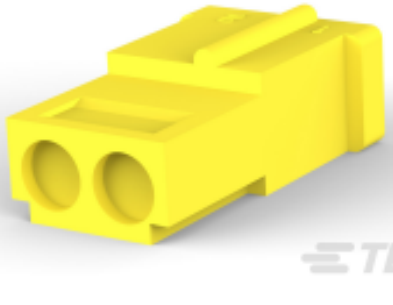
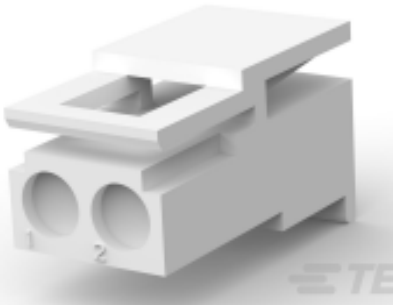
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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 # 1-480349-6 01P CMNL PLUG HSG F/H BLU	 TE Part # 1-480283-0 08P CMNL PLUG HSG M/M NATL	 TE Part # 171267-1 CIRCUIT HSG PLUG	 TE Part # 171382-1 MNL PANEL MOUNT PLUG 6P
 TE Part # 1-480271-0 06P CMNL CAP HSG M/M NATL	 TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK	 TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL	 TE Part # 1-480388-0 03P CMNL PLUG HSG F/H BLK
 TE Part # 1-480393-1 02P CMNL PLUG HSG F/H BLK	 TE Part # 1-480318-4 02P CMNL PLUG HSG F/H YELL	 TE Part # 1-480351-2 01P CMNL CAP HSG RED	 TE Part # 1-480720-0 02P CMNL PLUG HSG W/LOK NATL



TE Part # 1-480288-0
12P CMNL CAP HSG M/M NATL



TE Part # 1-480319-9
02P CMNL CAP HSG F/H BLK



TE Part # 1-480319-4
02P CMNL CAP HSG F/H YELL



TE Part # 1-480721-0
03P CMNL PLUG HSG W/LOK NATL



TE Part # 1-480276-0
06P CMNL CAP HSG P/M NATL



TE Part # 1-480305-9
03P CMNL CAP HSG F/H BLK



TE Part # 3-480425-0
04P CMNL PLG HSG, H-TEMP

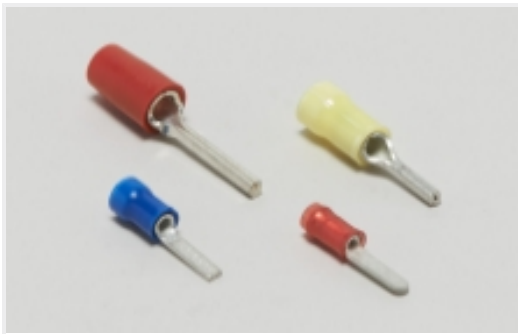


TE Part # 465644-1
EXTRACTION TOOL

Also in the Series | Commercial MATE-N-LOK



Connector Contacts(150)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



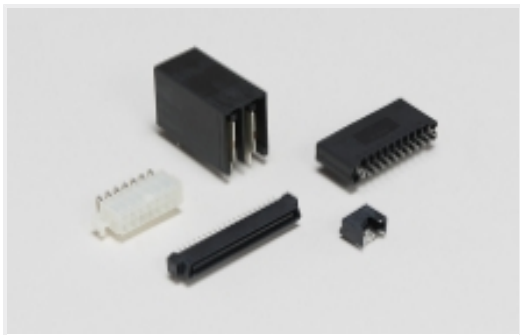
Rectangular Connector Housings(118)



Rectangular Power Connectors(181)



Standard Circular Connectors(2)



Standard Rectangular Connectors(126)

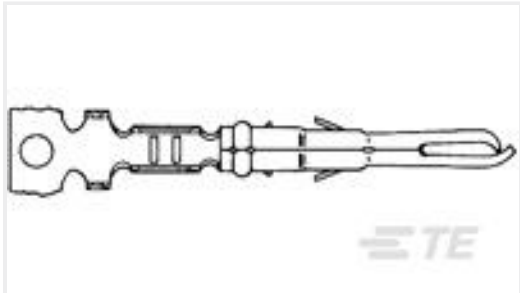
Customers Also Bought



TE Part #5-104450-2
03 MTE HDR SRST LATCH W/HLDWN



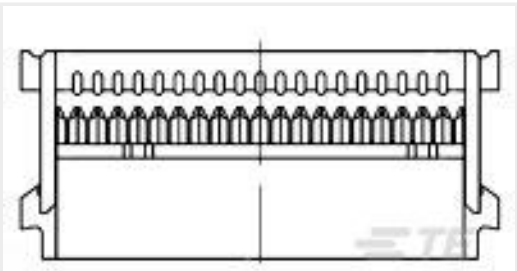
TE Part #5-146257-3
06 MODII HDR DRST B/A .100CL LF



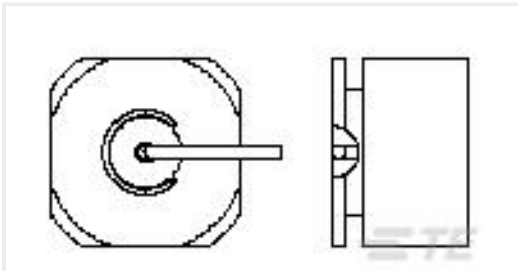
TE Part #350036-1
.058 DIA PIN L/P



TE Part #770902-3
MINI UMNL SOK 26-22 AWG AU



TE Part #2-1658526-4
[609-5041LF FEM SOCKET,LEAD FREE](#)



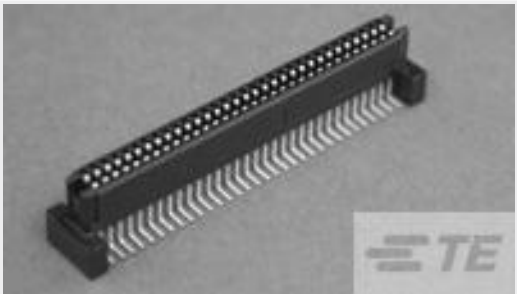
TE Part #1757253-1
[SMPM SURFACE MOUNT](#)



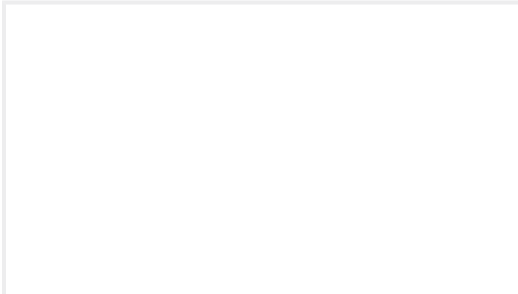
TE Part #3-1879214-4
[CPF 0402 715R 0.1% 25PPM 1K RL](#)



TE Part #5102154-4
[A/L UNIV HDR 20P VERT](#)



TE Part #5120603-2
[1FHR,84,30A/S,S,N,S11,12](#)



TE Part #4162-202-1631L
[CONT SOC ASSY](#)

Documents

Product Drawings

[CMNL SOK 30-22 AUNIBR L/P](#)

English

CAD Files

Customer View Model

[ENG_CVM_61173-5_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_61173-5_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_61173-5_E.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_61173-5_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_61173-5_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_61173-5_H.3d_stp.zip](#)

English



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Product Specifications Application Specification English	
Instruction Sheets Instruction Sheet (U.S.) English	