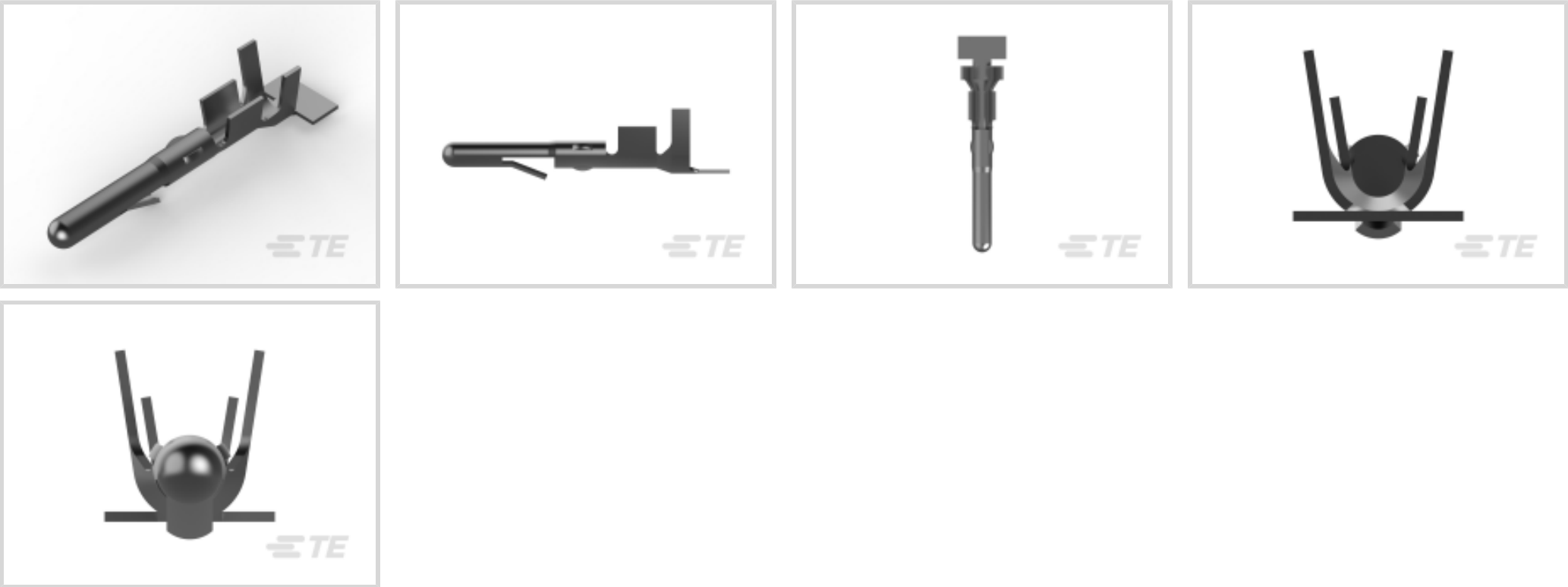




Connectors > Contacts > Connector Contacts



Contact Type: Pin

Contact Mating Area Plating Material: Tin

Wire Contact Termination Area Plating Material: Pre-Tin

Operating Voltage: 250 VDC

Features

Product Type Features

Discrete Wire Type	Stranded
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	3000
Packaging Method	Reel

Dimensions

Compatible Insulation Diameter Range	2.92 mm[.115 in]
Wire Size	.8 – .9 mm², 1.25 – 1.4 mm²

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]



Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	.5 – .81 µm[20 – 32 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	15 A

Electrical Characteristics

Operating Voltage	250 VDC
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Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Power
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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 # 91504-1
CCII CMNL MNL PIN SKT 20-14 ASSY

TE Part # 455830-1
INSERTION TOOL

TE Part # 1-171196-0
6 POS MATE-N-LOK S

TE Part # 1-480274-0
09P CMNL PLUG HSG P/M NATL

TE Part # 1-480284-0
08P CMNL CAP HSG M/M NATL

TE Part # 1-480438-0
16P CMNL PLUG HSG M/M NATL

TE Part # 1-480683-0
02P CMNL PLUG HSG F/H NATL

TE Part # 1-480277-0
09P CMNL CAP HSG P/M NATL

TE Part # 1-480304-0
03P CMNL PLUG HSG P/M NATL

TE Part # 1-480722-0
04P CMNL PLUG HSG W/LCK NATL

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

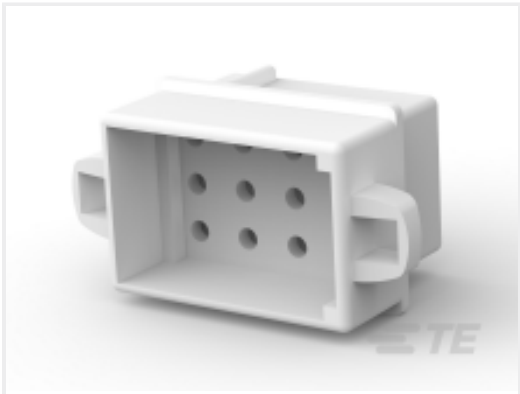
TE Part # 1-480285-0
10P CMNL PLUG HSG M/M NATL

TE Part # 1-480439-0
16P CMNL CAP HSG M/M NATL

TE Part # 1-480393-1
02P CMNL PLUG HSG F/H BLK

TE Part # 1-480345-0
08P CMNL CAP HSG F/H NATL

TE Part # 1-480340-0
06P CMNL CAP HSG F/H NATL



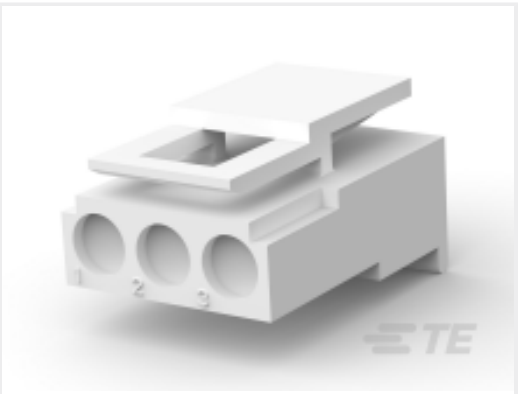
TE Part # 1-480278-0
12P CMNL CAP HSG P/M NATL



TE Part # 1-480425-0
04P CMNL PLUG HSG P/M NATL



TE Part # 1-480324-0
15P CMNL CAP HSG P/M NATL



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

Also in the Series | Commercial MATE-N-LOK



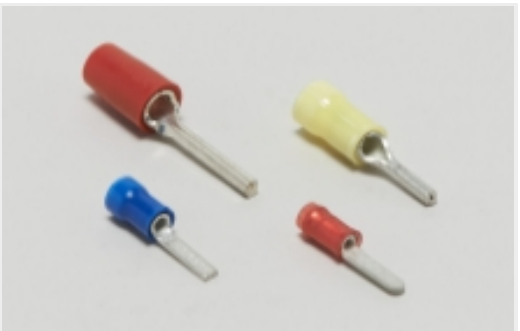
Connector Caps & Covers(2)



Connector Contacts(150)



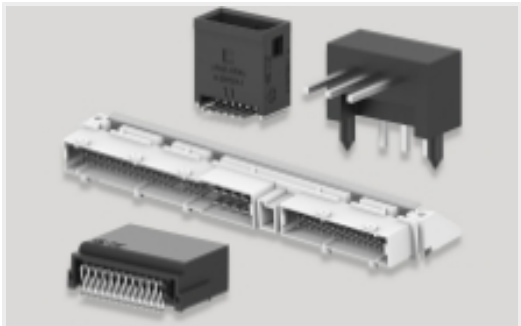
Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



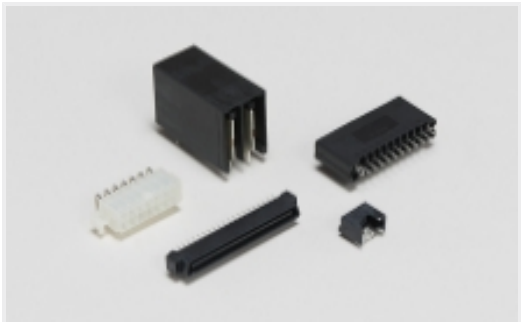
Rectangular Connector Housings(9)



Rectangular Power Connectors(115)



Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

Customers Also Bought



TE Part #42452-1
187 FASTON REC 20-16 AWG BR



TE Part #34839
RING TERMINAL 18-14 AWG BR



TE Part #350557-1
MNL SOK SPECIAL .0126PTPBR



TE Part #63097-1
250 PL MKII REC. 18-14AWG TPBR

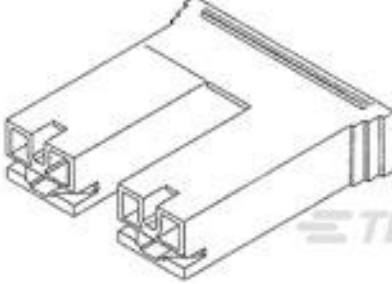




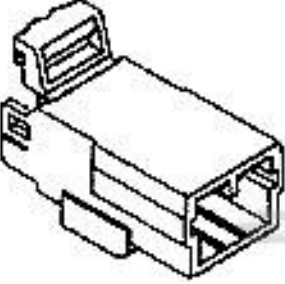
TE Part #1-208657-0
CPC RECEPT ASSEMBLY SIZE 11-8



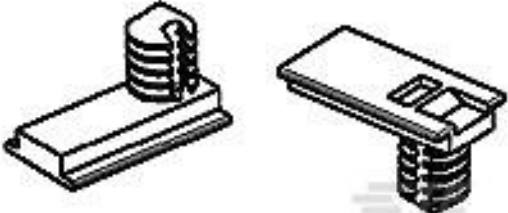
TE Part #ANT-916-PW-QW-UFL
Antenna 1/4 Wave Whip 916MHz 1.32 UFL



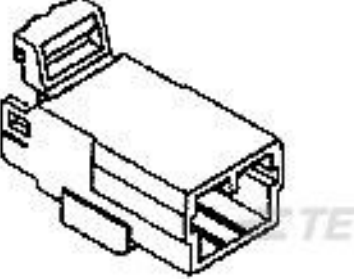
TE Part #520935-1
PLMKII&FASTON 250 REC HSG 2P UFL



TE Part #174929-2
070 MLC W-W CAP HSG 4P B NAT



TE Part #626897-1
CHRISTMAS TREE



TE Part #174930-2
070 MLC W-W CAP HSG 6P BLACK

Documents

Product Drawings

MNL PIN SPECIAL .0126 PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350558-1_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350558-1_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350558-1_U.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English