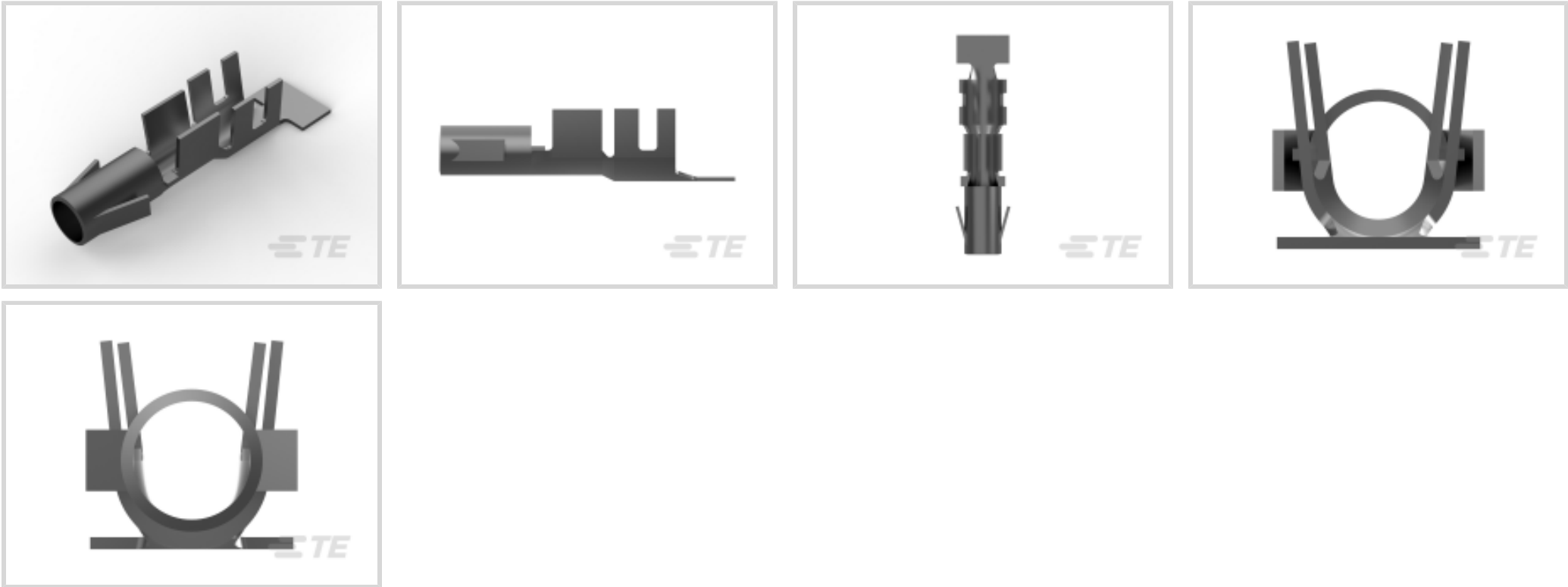




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	3.56 mm[.14 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	17 A

Termination Features

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



Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	2.54 – 4.57 mm[.1 – .18 in]
Wire Size	2 – 5 mm²

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

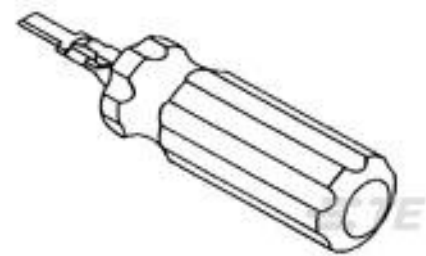
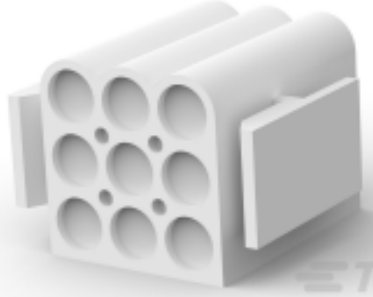
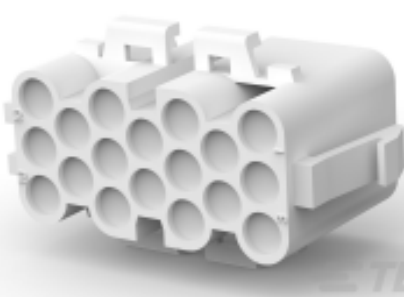
Product Compliance Disclaimer

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 # 318845-1 EXTRACTION TOOL ASSY	 TE Part # 539764-1 EXTRACTION TOOL	 TE Part # 1-480510-0 04P .140 MNL PLUG NAT	 TE Part # 880684-2 .140 DIA PIN
 TE Part # 1-480672-9 09P .140 MNL PLUG PM BLK	 TE Part # 1-350344-0 02P .140 MNL PLUG NAT	 TE Part # 1-350346-0 03P .140 MNL PLUG P/M NAT	 TE Part # 58373-1 140 MNL PIN SOCKET 10 DIE SET
 TE Part # 1-480585-0 09P .140 MNL PLUG NAT	 TE Part # 1-480672-0 09P .140 MNL PLUG PM NAT	 TE Part # 58374-1 140 MNL PIN SOCKET 14-12 DIE SET	 TE Part # 925451-1 M-N-L SOCKET HSG

Also in the Series | Commercial MATE-N-LOK

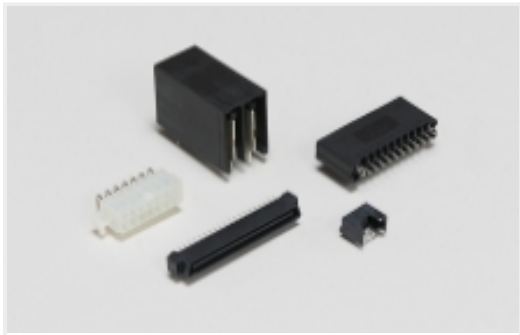
 Connector Contacts(150)	 Crimp Wire Pins, Tabs & Ferrules(2)	 Power Contacts(146)	 Rectangular Connector Housings(118)
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Rectangular Power Connectors(182)



Standard Circular Connectors(2)

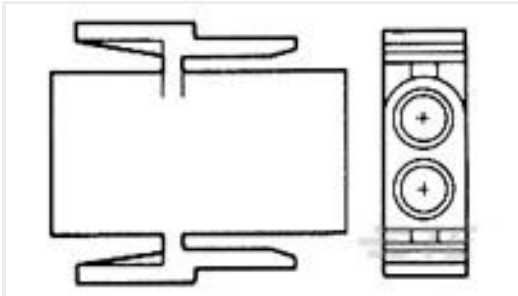


Standard Rectangular Connectors(126)

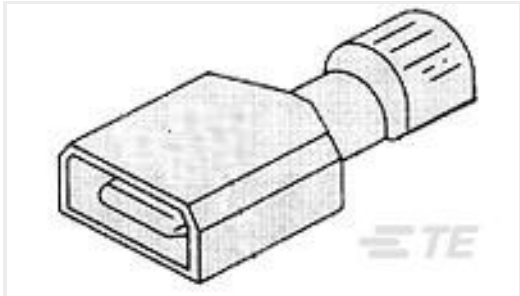
Customers Also Bought



TE Part #8-328998-1
TERMINAL,PIDG R 16-14 5/16



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



TE Part #3-521191-2
ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR



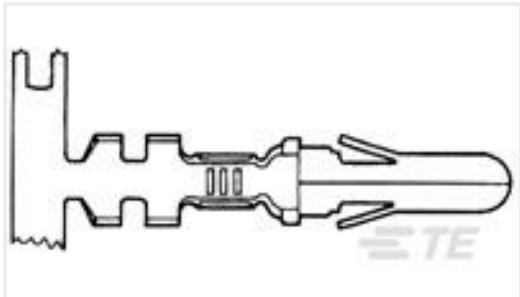
TE Part #52197-1
TERM, RING, SOLIS, 6, #10, T&R



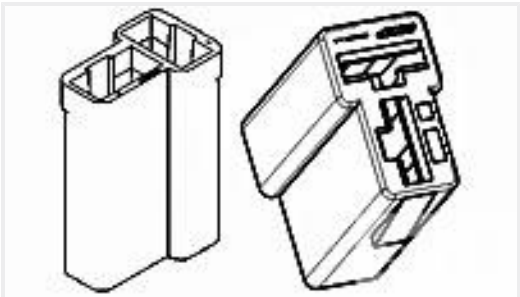
TE Part #2-34162-1
TERMINAL,PG R 16-14 1/4



TE Part #1804014-1
CCII MIC MK-II REC 20-14 ASSY



TE Part #350389-1
.140 DIA PIN 20-14 PTPBR L/P



TE Part #480115-3
FF 250 REC HSG 2P NYLON BLACK



TE Part #32060
TERMINAL,PIDG SPD 16-14 10



TE Part #810033-000
2019D0309-0

Documents

Product Drawings

.140 DIA SOK 14-10 PTPBR L/P

English

CAD Files

Customer View Model

ENG_CVM_350390-1_C.3d_igs.zip

English

Customer View Model



[ENG_CVM_350390-1_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_350390-1_C.2d_dxf.zip](#)

English

3D PDF

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

Japanese

[MATE-N-LOK .140 Diameter Pin & Socket Contacts](#)

Japanese

Application Specification

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English