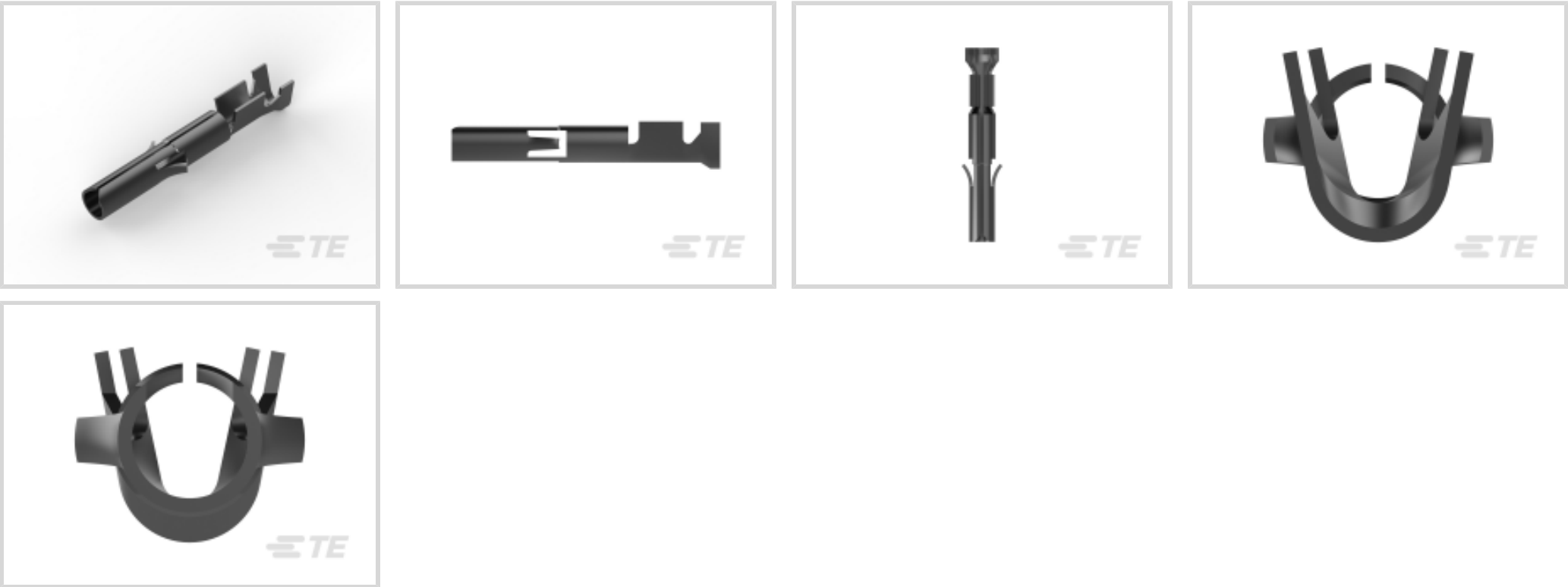




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Nickel**
Operating Voltage: **600 VAC**
Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Mating Pin Diameter	2.13 mm[.084 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Nickel
Contact Retention Within Housing	With



Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	19 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.02 - 2.54 mm[.04 - .1 in]
Wire Size	.2 - .8 mm ²

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, VDE
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Packaging Features

Packaging Quantity	500
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



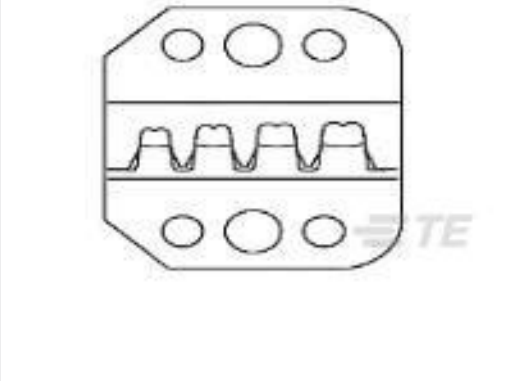
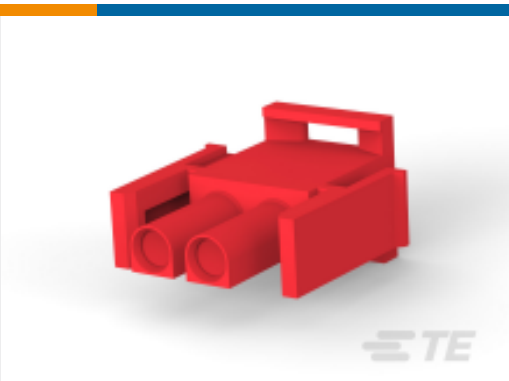
Solder Process Capability

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

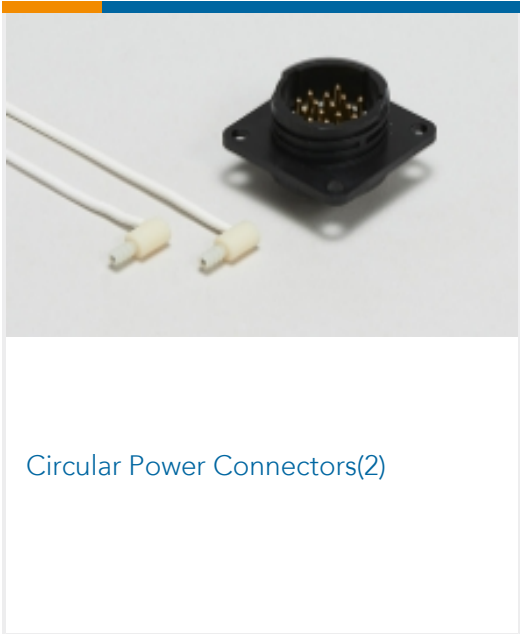
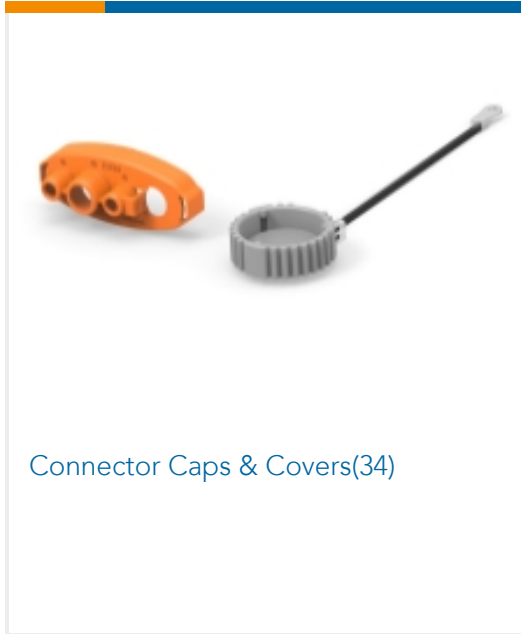
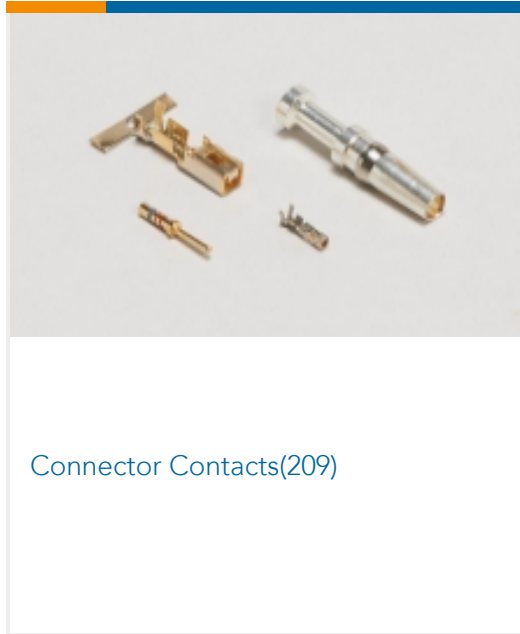
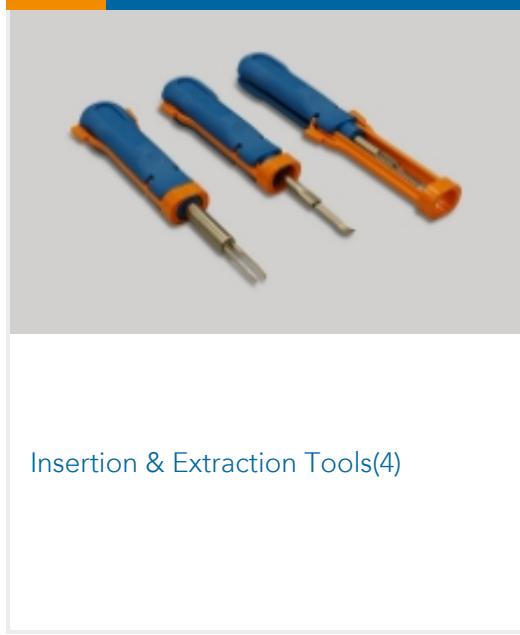
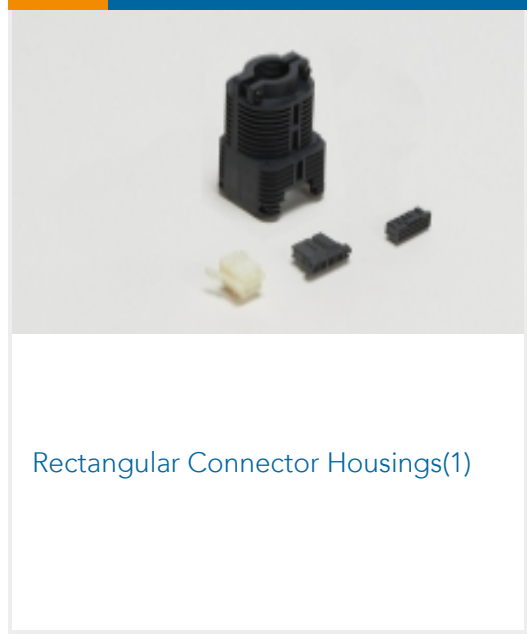
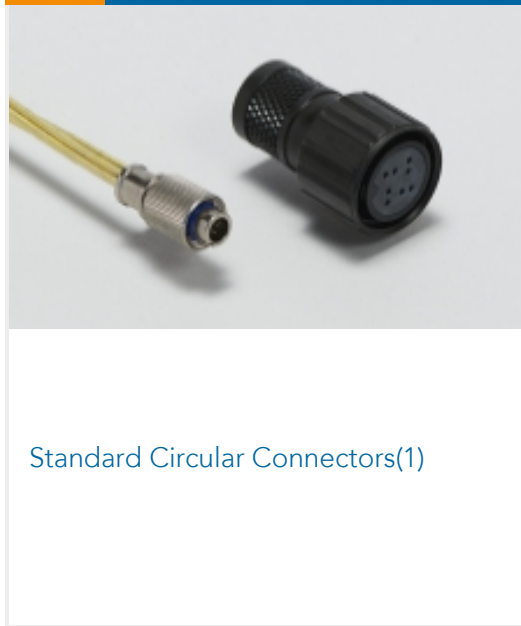
 TE Part # 91510-1 CCII UNML UNML II PIN SKT 24-18 ASSY	 TE Part # 90548-2 PROCrimper DIE ASSY UNIV MNL	 TE Part # 1804030-1 EXTRACTION TOOL ASSY	 TE Part # 455830-1 INSERTION TOOL
 TE Part # 1-480705-2 06P UNML CAP HSG RED	 TE Part # 1-480708-9 12P UMNL PLUG HSG BLK	 TE Part # 350784-1 15P UMNL CAP HSG	 TE Part # 1-480704-2 06P UMNL PLUG HSG RED
 TE Part # 926302-1 10& UNIV.M-N-L.PLUG	 TE Part # 1-350777-2 02P UMNL V0 PLUG HSG RED	 TE Part # 350783-1 12P UMNL CAP HSG	 TE Part # 1-350778-9 02P UMNL V0 CAP HSG BLACK



 TE Part # 350735-1 12P UMNL PLUG HSG	 TE Part # 926302-3 10P UN-MNL STECKGEH	 TE Part # 926308-3 8P UN-MNL AUFN-GEH	 TE Part # 350736-1 15P UMNL PLUG HSG
 TE Part # 1-350766-2 03P UMNL V0 PLUG HSG RED	 TE Part # 1-480701-4 03P UMNL CAP HSG YELL	 TE Part # 640585-1 06P UMNL PLUG HSG V2 NATL	 TE Part # 926308-1 8P UNIV.M-N-L.CAP

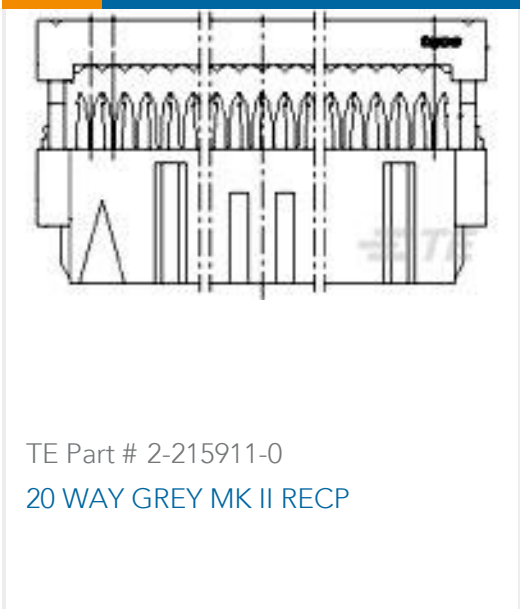
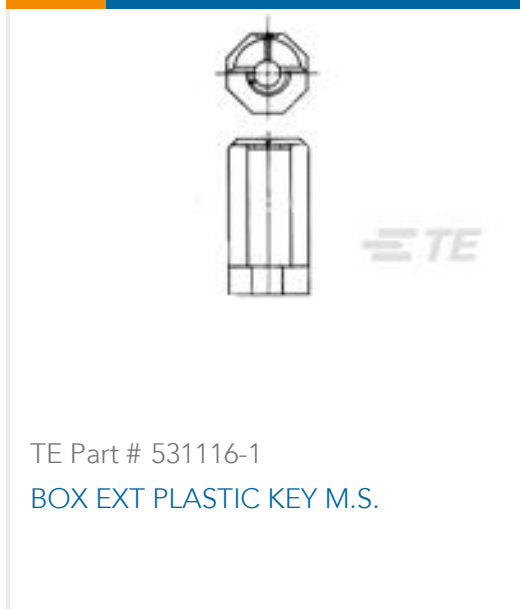
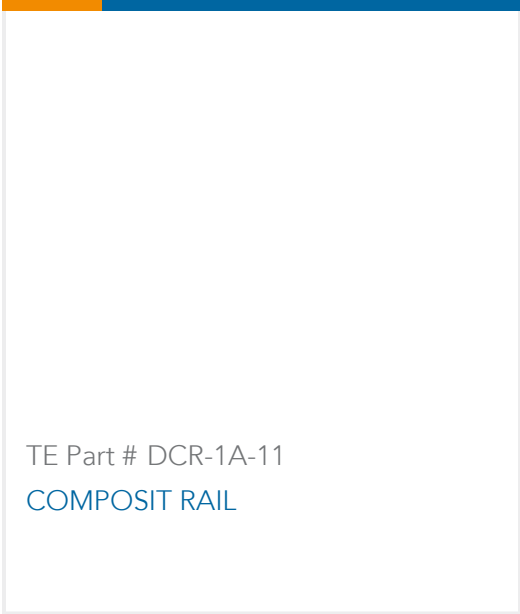
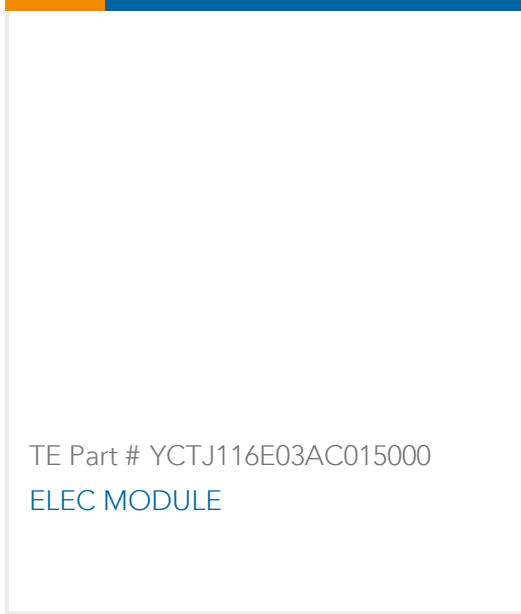
Also in the Series

Universal MATE-N-LOK

 Circular Power Connectors(2)	 Connector Caps & Covers(34)	 Connector Contacts(209)	 Connector Hardware(12)
 Connector Seals & Cavity Plugs(27)	 Connector Strain Relief(7)	 Insertion & Extraction Tools(4)	 Rectangular Connector Housings(1)
 Rectangular Power Connectors(671)	 Standard Circular Connectors(1)		

Customers Also Bought



 TE Part # 9-6609955-9 PEOS0S000=C4913	 TE Part # 5205868-1 15 RCPT RA/MS STD	 TE Part # 1-1825097-6 TPB11FGVRA004	 TE Part # 165143 PG WIRE PIN 22-16
 TE Part # 2-215911-0 20 WAY GREY MK II RECP	 TE Part # 5745652-4 DIECAST STRAIN RELIEF KIT,SZ 2	 TE Part # 531116-1 BOX EXT PLASTIC KEY M.S.	 TE Part # 3-794615-6 6P MICRO MNL PLUG HSG PNL MT DBL RW V0 G
 TE Part # DCR-1A-11 COMPOSIT RAIL	 TE Part # YCTJ116E03AC015000 ELEC MODULE		

Documents

Product Drawings
UMNL SOK 24-18 AUPHBZ L/P
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_350689-6_K.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_350689-6_K.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_350689-6_K.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

Instruction Sheets

Instruction Sheet (U.S.)

English