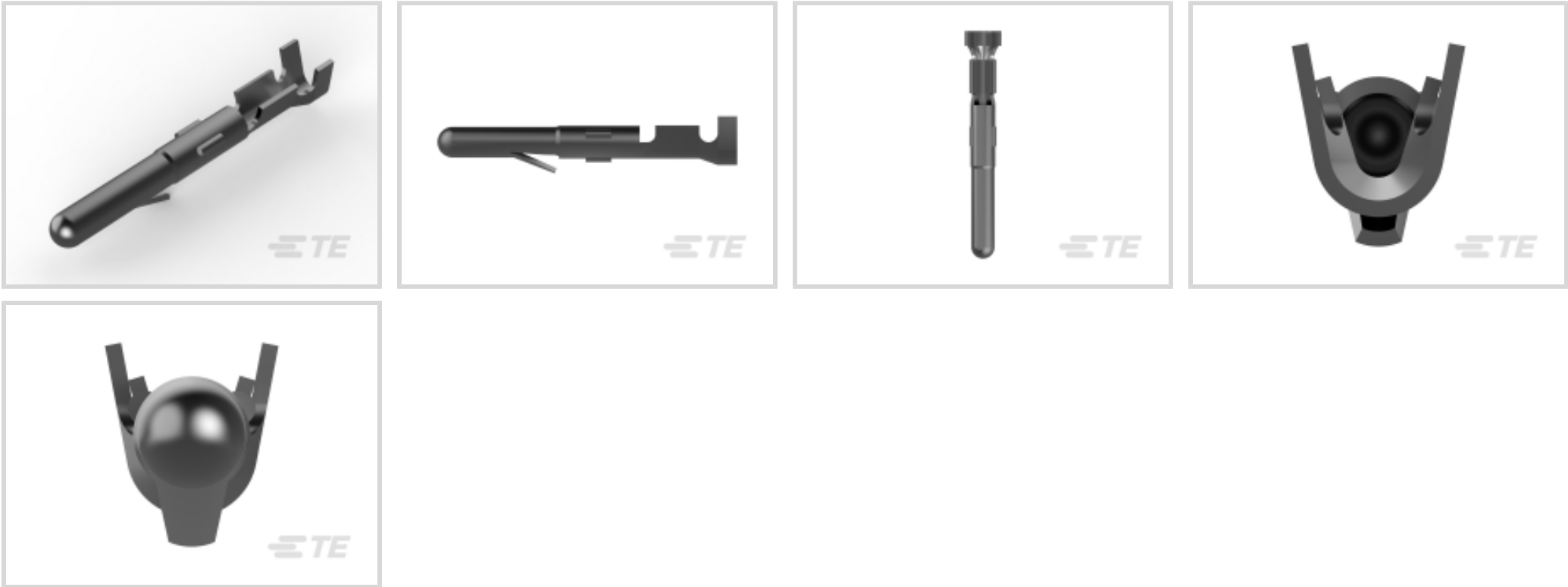




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin-Lead**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Locking Lance**

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Mating Pin Diameter	2.1 mm[.082 in]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight

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	.3 – .75 mm²
Compatible Insulation Diameter Range	1.4 – 2.4 mm[.055 – .095 in]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

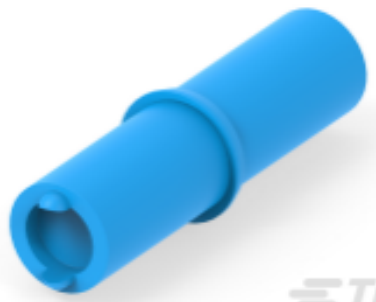
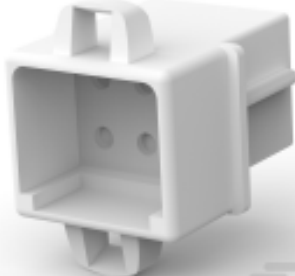
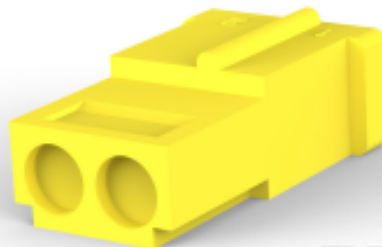
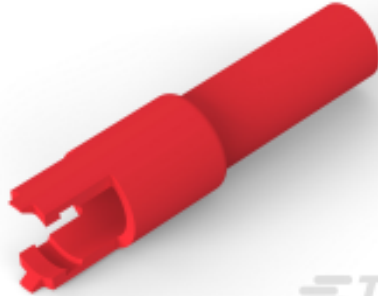
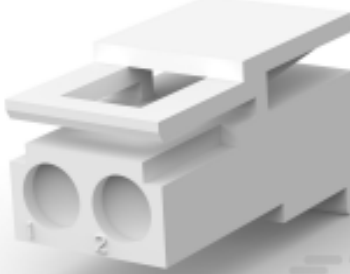
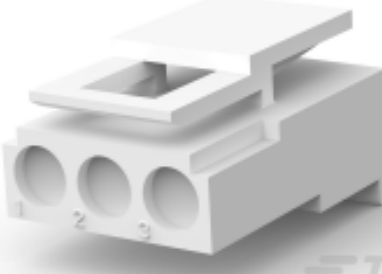
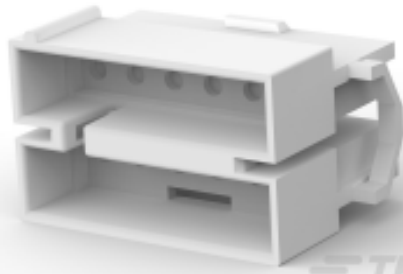
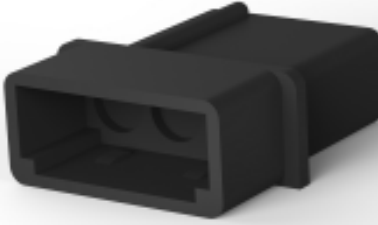
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>



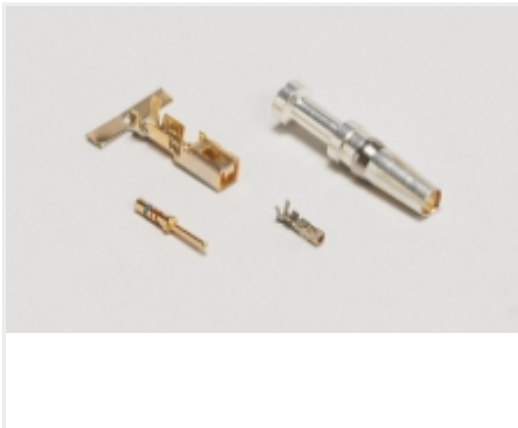
Compatible Parts

 TE Part # 1-480349-6 01P CMNL PLUG HSG F/H BLU	 TE Part # 3-480425-0 04P CMNL PLG HSG, H-TEMP	 TE Part # 171382-1 MNL PANEL MOUNT PLUG 6P	 TE Part # 171267-1 CIRCUIT HSG PLUG
 TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL	 TE Part # 1-480425-0 04P CMNL PLUG HSG P/M NATL	 TE Part # 1-480271-0 06P CMNL CAP HSG M/M NATL	 TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL
 TE Part # 1-480283-0 08P CMNL PLUG HSG M/M NATL	 TE Part # 1-480318-4 02P CMNL PLUG HSG F/H YELL	 TE Part # 1-480319-9 02P CMNL CAP HSG F/H BLK	 TE Part # 1-480351-2 01P CMNL CAP HSG RED
 TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK	 TE Part # 465644-1 EXTRACTION TOOL	 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 # 1-480720-0 02P CMNL PLUG HSG W/LOK NATL	 TE Part # 1-480721-0 03P CMNL PLUG HSG W/LOK NATL	 TE Part # 1-480288-0 12P CMNL CAP HSG M/M NATL	 TE Part # 1-480305-9 03P CMNL CAP HSG F/H BLK

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



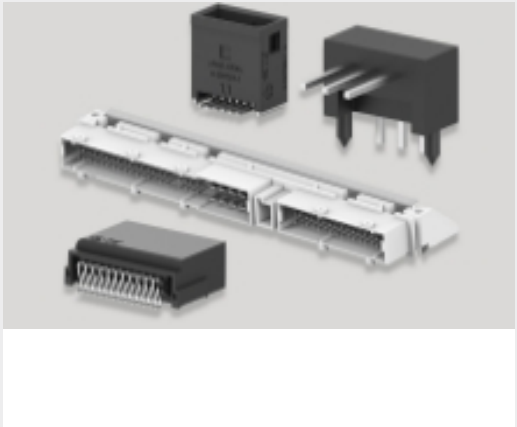
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(55)



Power Contacts(146)



Rectangular Power Connectors(181)

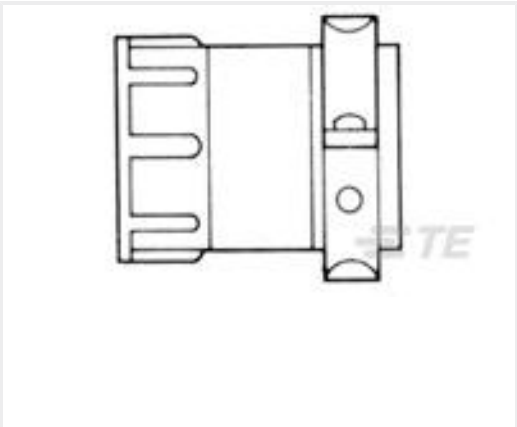


Standard Circular Connectors(2)

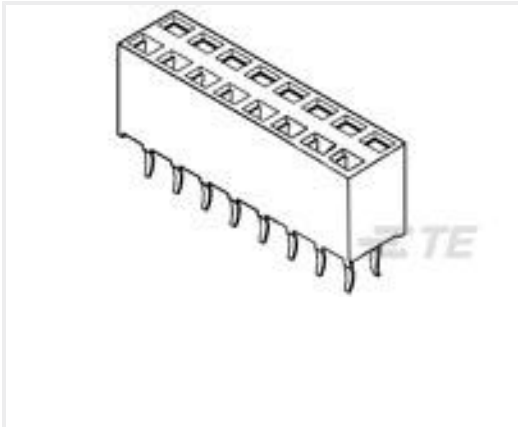


Wire-to-Board Headers & Receptacles (55)

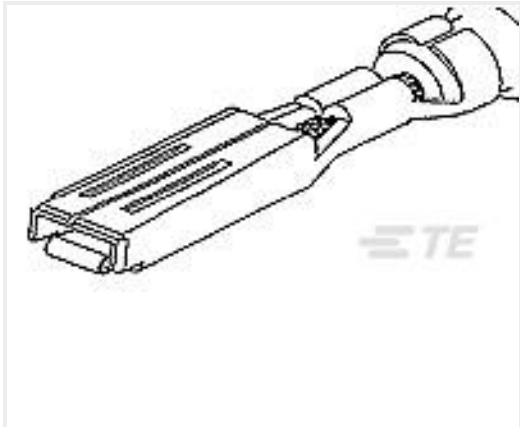
Customers Also Bought



TE Part #1-206322-0
CABLE CLAMP KIT, BULK PKG



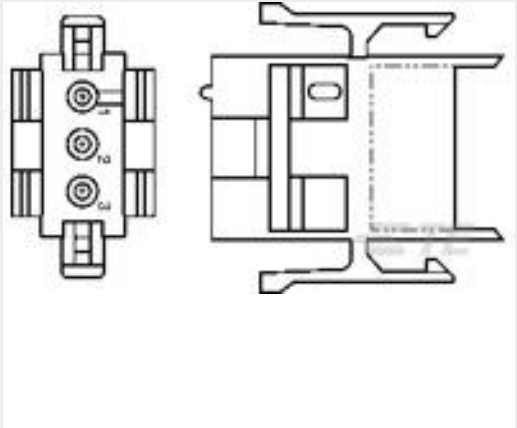
TE Part #215309-3
2X3P HV100 REC CON. TE, 8.5MM



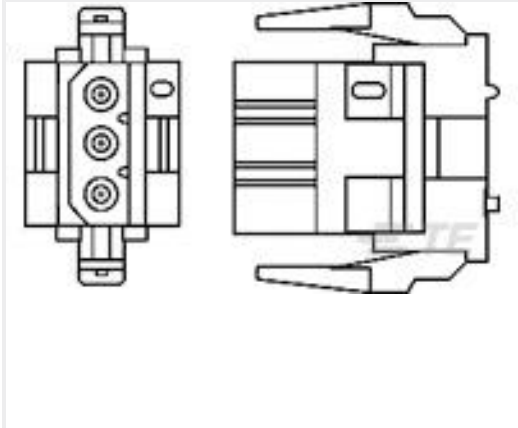
TE Part #282403-1
MINI MIC SRS REC CONT



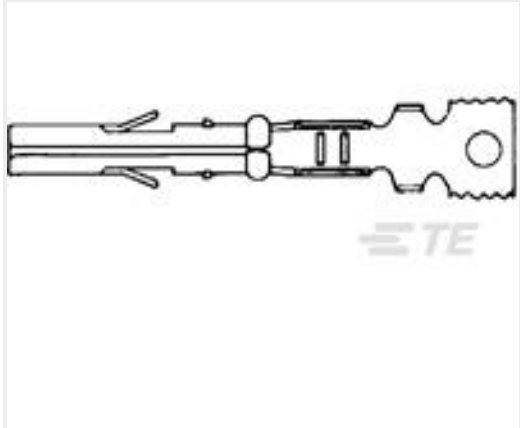
TE Part #350689-1
UMNL SOK 24-18 PTPBR L/P



TE Part #1-640508-0
03P MR II CAP HSG V0



TE Part #1-640518-0
03P MR II PLUG HSG



TE Part #641300-1
MR RECPT PTPHBZ LP 26-18



TE Part #7-1579008-6
UNLOCKING TOOL



Documents

Product Drawings

MATE-N-LOK PIN 0,3-

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_163555-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_163555-8_B.3d_stp.zip

English

Customer View Model

ENG_CVM_163555-8_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163555-8_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163555-8_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163555-8_M.3d_stp.zip

English

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

Product Specifications

Application Specification

English