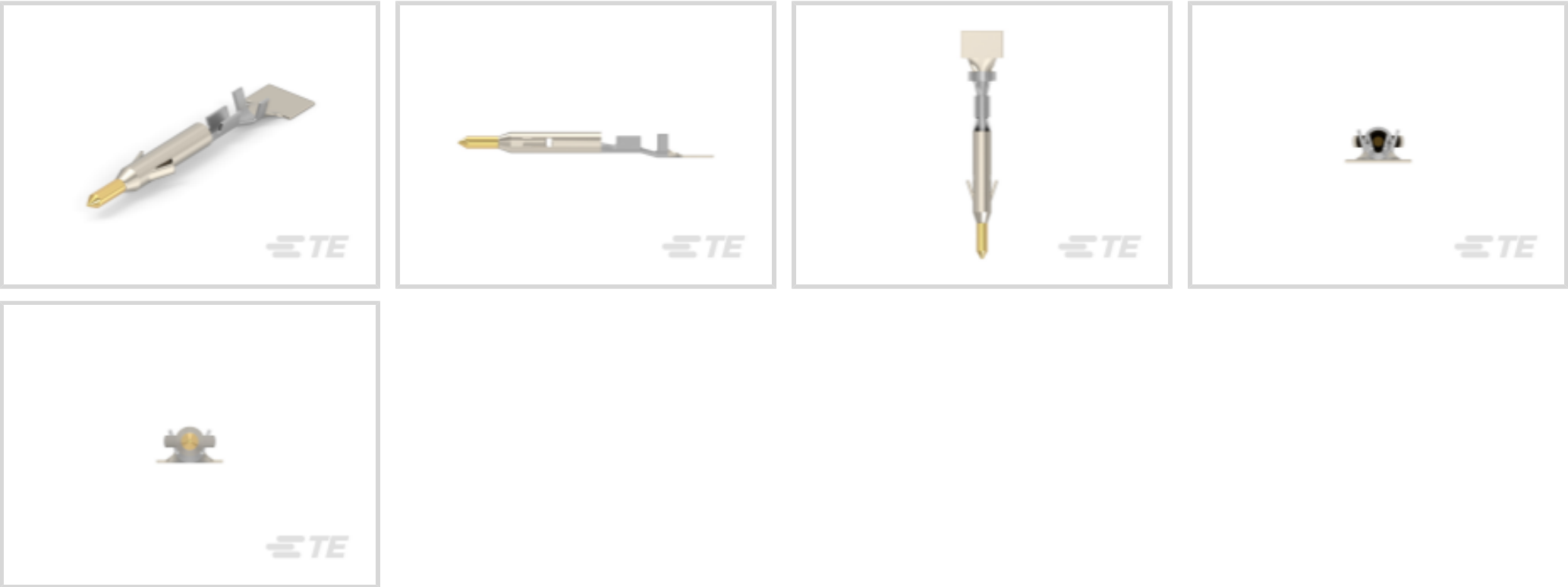




Connectors > Contacts > Connector Contacts



Contact Type: Pin

Contact Mating Area Plating Material: Gold (Au)

Wire Contact Termination Area Plating Material: Tin-Lead

Operating Voltage: 600 VDC

Features

Product Type Features

Discrete Wire Type	Stranded
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Diameter	.99 mm[.039 in]
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With



Contact Base Material	Brass
Contact Current Rating (Max)	9.5 A

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

Compatible Insulation Diameter Range	.89 – 1.27 mm[.035 – .05 in]
Wire Size	.05 – 1.2 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, VDE
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Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (13% in 4690948374) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

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 # 1-172164-2 MINI UNIVERSAL M-N-L PLUG 1P	TE Part # 1-172169-2 MINI UNIVERSAL M-N-L PLUG 9P	TE Part # 1-172158-2 MINI-U-M-N-L 3P CAP RED	TE Part # 1-172158-6 MINI-U-M-N-L 3P CAP BLUE
			
TE Part # 1-172336-2 UNIVERSAL MATE-N-LOK PLUG 2P	TE Part # 1-172330-9 UNIVERSAL MATE-N-LOK CAP 4P	TE Part # 1-172336-6 UNIVERSAL MATE-N-LOK PLUG 2P	TE Part # 172162-1 12 CIR UNIV M-N-L CAP
			
TE Part # 1445390-3 PLUG,8-4,LG INS,STD KEY	TE Part # 172166-1 3 CIR UNIV M-N-L PLUG	TE Part # 1445389-1 REC,8-4,FREE HG,SM INS,STD KEY	TE Part # 1445522-3 REC,8-2,FRE HNG,LG INS,STD KEY





TE Part # 1445828-1
REC,11-6,FRE HNG,SM INS,STD KE



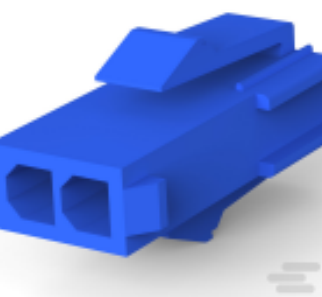
TE Part # 172327-1
UNIV M-N-L HSG



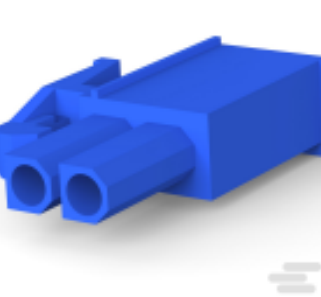
TE Part # 172332-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 9P



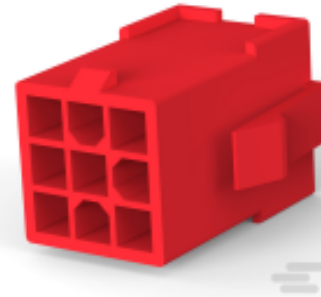
TE Part # 172344-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P



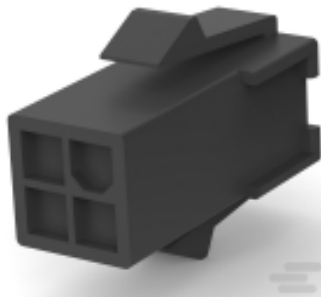
TE Part # 1-172157-6
2CIR MINI U-M-N-L CAP BLUE



TE Part # 1-172165-6
2CIR MINI U-M-N-L PLUG BLUE



TE Part # 1-172332-9
MUMNLM CAP 9P



TE Part # 1-172159-9
MINI UNIVERSAL M-N-L CAP 4P

Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



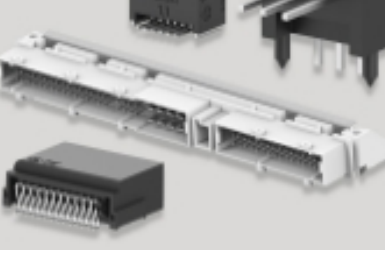
Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



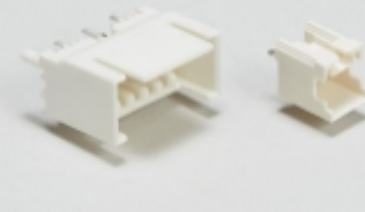
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Rectangular Power Connectors(196)



Wire-to-Board Headers & Receptacles (93)

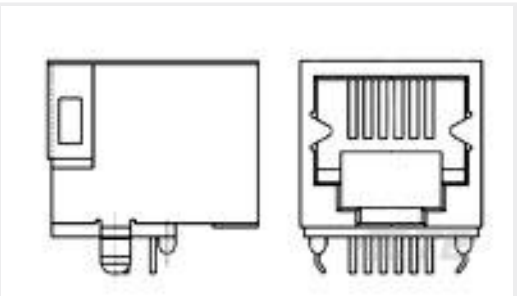
Customers Also Bought



TE Part #2-1747050-1
GIC 7.92 2POS PLUG NAT KEYING C



TE Part #1445390-3
PLUG,8-4,LG INS,STD KEY



TE Part #1734723-6
RJ11,6P6C,SINGLE,DIP, 15u" Au, Reel



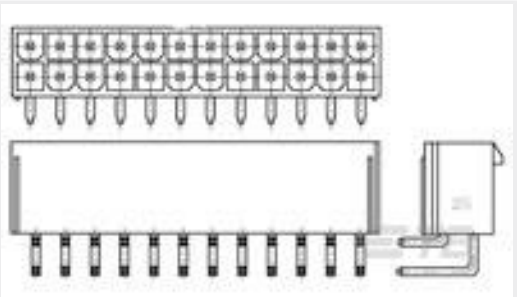
TE Part #5104340-5
A/L LOW PRO HDR 24P RA HT



TE Part #66104-1
III+ SKT,24-20,30AU>10,STRIP



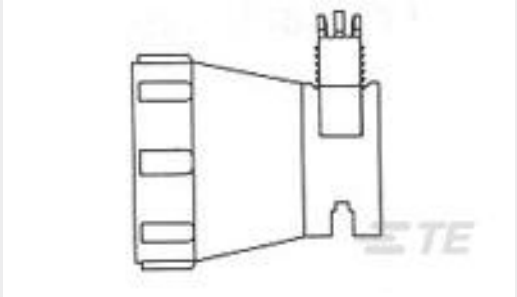
TE Part #1217324-1
TAB POKE-IN MAG-MATE 18-14



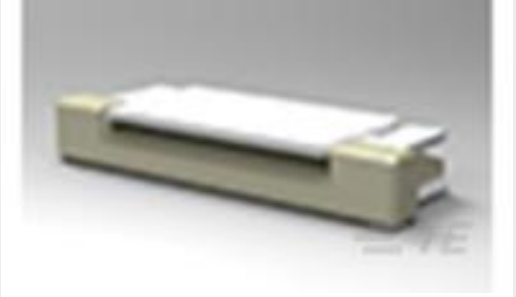
TE Part #2-1586042-0
20P VAL-U-LOK R/A HDR V0



TE Part #646274-1
2MM HM PIN PWR/GRD MODULE



TE Part #1445730-1
STRN RELIEF ASY,STRT SIZE 8



TE Part #1-1734839-4
FPC CONN. 0.5MM PITCH T/C,14P

Documents

Product Drawings
MINI UMNL PIN AU

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_770835-3_H.3d_igs.zip

English

Customer View Model

ENG_CVM_770835-3_H.3d_stp.zip

English

Customer View Model

ENG_CVM_770835-3_H.2d_dxf.zip

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_770835-3_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770835-3_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770835-3_M.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[Agency Approval Document](#)

English