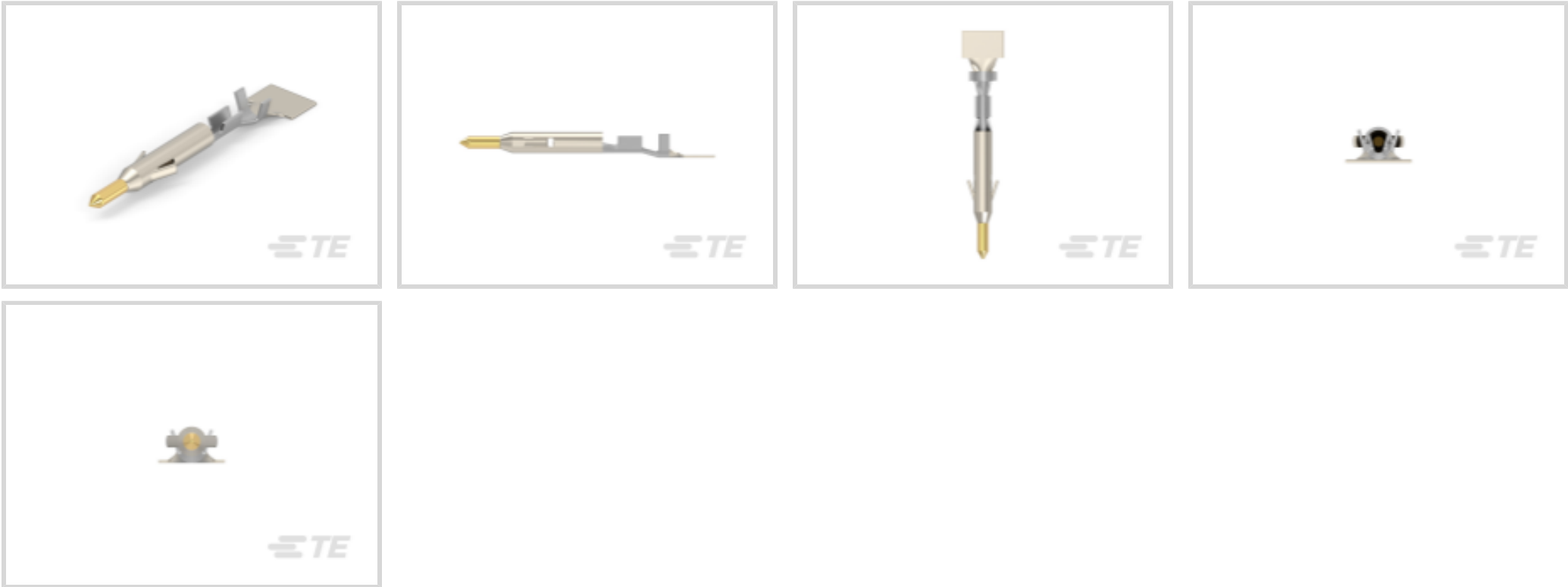




Connectors > Contacts > Connector Contacts



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 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
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]



Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

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

Wire Size	.05 – 1.2 mm²
Compatible Insulation Diameter Range	.89 – 1.27 mm[.035 – .05 in]

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	10000
Packaging Method	Reel

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

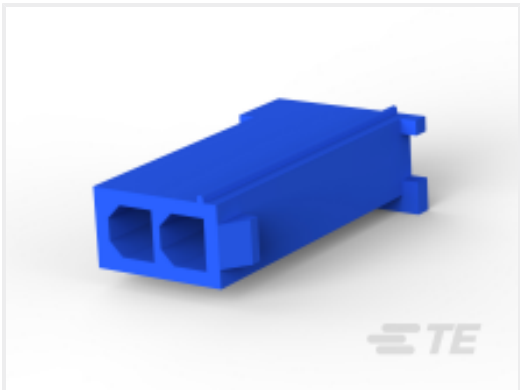
Solder Process Capability

Not applicable for solder process capability

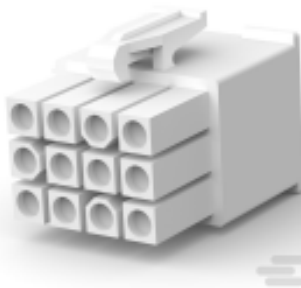
Product Compliance Disclaimer

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 # 1-172233-6 2 POS MINI UNIV FREE HANG BLUE	 TE Part # 1-172168-2 MINI UNIVERSAL M-N-L PLUG 6P	 TE Part # 1-172157-2 2CIR MINI U-M-N-L CAP RED	 TE Part # 172340-1 MINI UMNL PLUG HOUSING 9P
 TE Part # 172159-1 4 CIR UNIV M-N-L CAP	 TE Part # 1445807-1 PLUG,11-9,SM INS,STD KEY	 TE Part # 1445829-3 REC,11-5,FRE HNG,LG INS,STD KE	 TE Part # 1445827-1 REC,11-7,FRE HNG,SM INS,STD KE
 TE Part # 172170-1 12 CIR UNIV M-N-L PLUG	 TE Part # 172329-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P	 TE Part # 172337-1 MINI UMNL PLUG HOUSING 3P	 TE Part # 172335-1 MINI UMNL PLUG HOUSING 1P





TE Part # 172341-1
MINI UMNL PLUG HOUSING 12P



TE Part # 172336-1
2P MINI UMNL PLUG HOUSING



TE Part # 172233-1
2 POS MINI UMNL CAP HOUSING



TE Part # 1445807-3
PLUG,11-9,LG INS,STD KEY



TE Part # 1445825-3
RECPT,11-9,FREE HNG,STD KEY



TE Part # 1445389-3
REC,8-4,FREE HG,LG INS,STD KEY



TE Part # 1445828-3
REC,11-6,FRE HNG,LG INS,STD KE



TE Part # 1445538-3
REC,8-2,FLNG MT,LG INS,STD KEY

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



Connector Caps & Covers(2)



Connector Contacts(89)



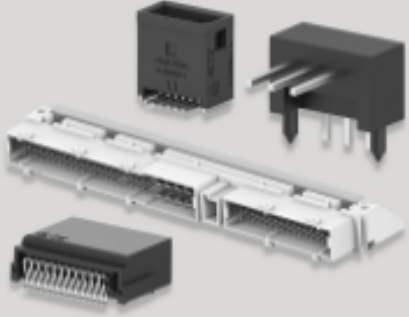
Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



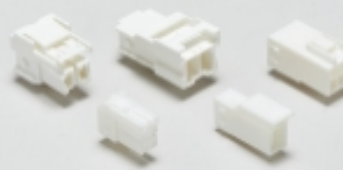
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Power Contacts(89)



Rectangular Power Connectors(196)

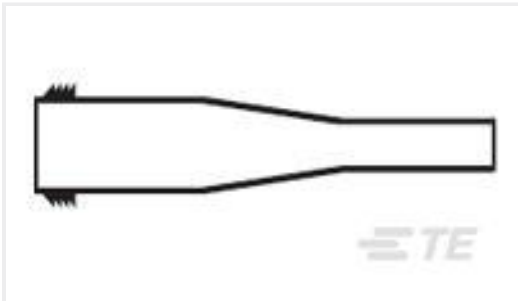


Wire-to-Board Headers & Receptacles
(93)

Customers Also Bought



TE Part #3371890003
ES-CAP-NO.1-C1-0-35MM



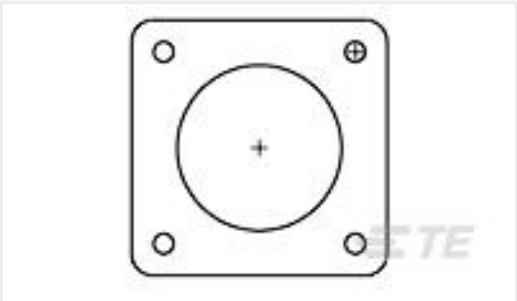
TE Part #013206-000
QFT3-130/42-0



TE Part #587725-000
S03-08-R



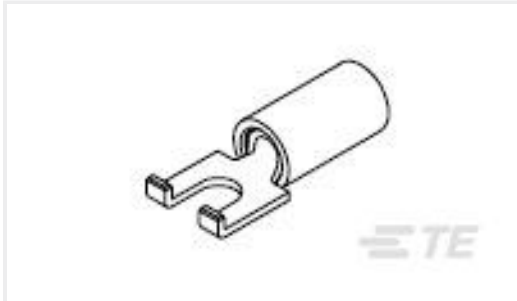
TE Part #66104-1
III+ SKT,24-20,30AU>10,STRIP



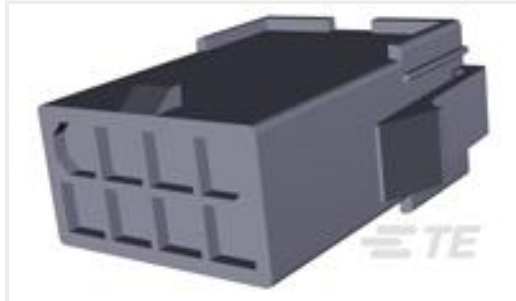
TE Part #81665-3
ECONOSEAL, FLANGE GASKET



TE Part #1-111196-8
20 RCPT SYSTEM 50, LEAD FREE



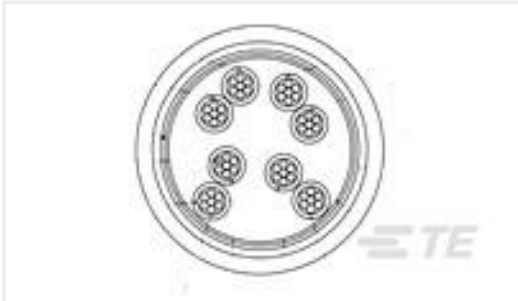
TE Part #320749
SOLIS SPDFLG 22-16COM22-18MIL6



TE Part #794941-1
08P MINI UMNL CAP HSG



TE Part #1445049-2
FREE HANG SNGL ROW HSG 2 POS



TE Part #1939708-1
Industrial Ethernet Cat5e (AWG)

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