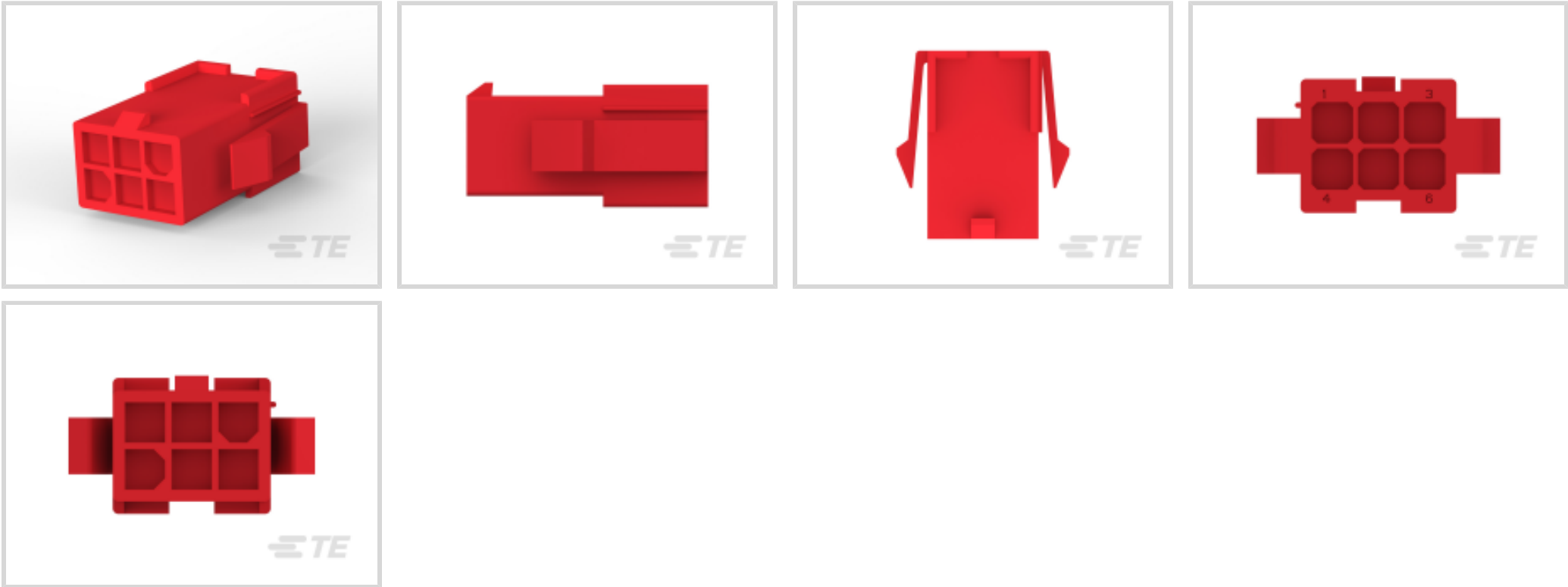




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Number of Positions: **6**
Centerline (Pitch): **4.2 mm [.165 in]**

Features

Identification Marking

Circuit Identification Feature	With
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Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Dimensions

Panel Thickness (Recommended)	.8 – 2 mm[.031 – .078 in]
Product Width	9.8 mm
Product Length	11.8 mm
Row-to-Row Spacing	4.2 mm[.165 in]

Contact Features

Multiple Contact Types	Without
Contact Retention Within Housing	Without
Contact Type	Pin



Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Connector Mounting Type	Panel Mount

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189, Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
Housing Color	Red
Housing Material	Nylon 66

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 794058-1
MINI UMNL SOK L/P

TE Part # 770985-1
MINI UMNL PIN 26-22AWG SN LP

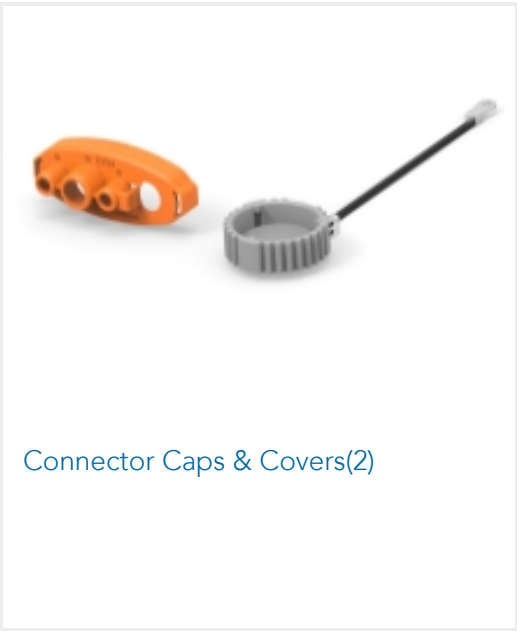
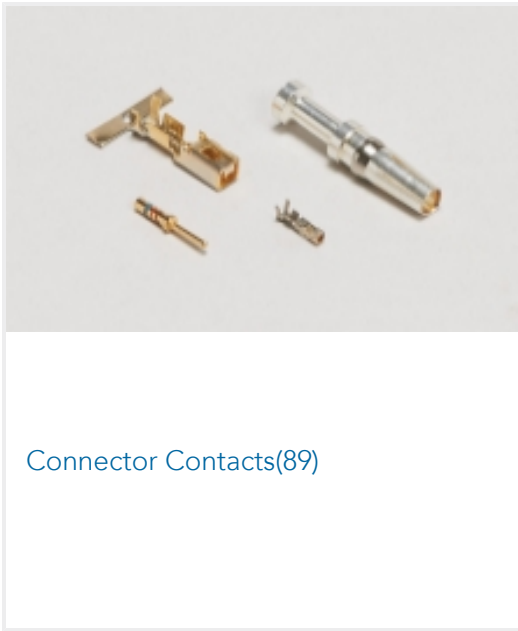
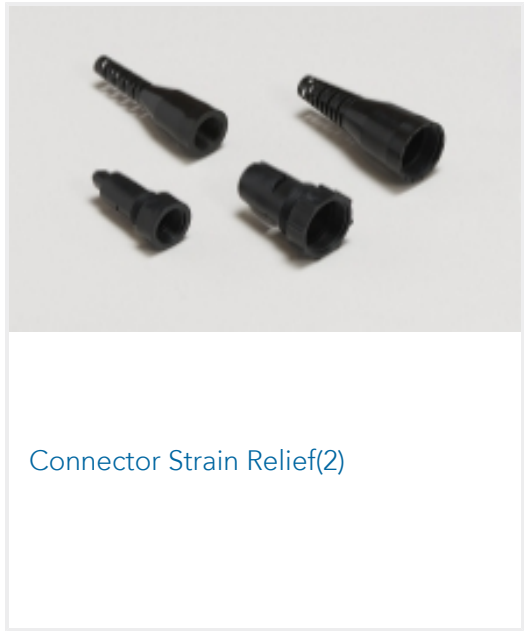
TE Part # 1-770985-0
MINI UMNL PIN 26-22AWG AU LP

TE Part # 1-770835-0
MINI UMNL PIN AU LF



 TE Part # 170360-3 MINI UNIVERSAL M-N-L PIN	 TE Part # 170364-3 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 170362-3 MINI UNIVERSAL M-N-L SOCKET	 TE Part # 1-794407-1 MINI UMNL SOK 20-16 AWG AU LF
 TE Part # 1-794059-0 MINI UMNL PIN L/P LF	 TE Part # 1-770902-1 MINI UMNL SOK 26-22 AWG AU LF	 TE Part # 170364-4 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 1-770904-1 MINI UMNL SOK 22-18AWG AU LF
 TE Part # 770903-3 MINI UMNL PIN 22-18 AWG AU	 TE Part # 770835-3 MINI UMNL PIN AU	 TE Part # 770834-3 MINI UMNL SOCKET AU	 TE Part # 770902-4 MINI UMNL SOCK 26-22 AWG SN
 TE Part # 794407-4 MINI UNML SCKT 20-16 AWG SN	 TE Part # 1-794406-0 MINI UMNL SOK 20-16 AWG AU LF	 TE Part # 170363-1 MINI UNIVERSAL M-N-L PIN LP	 TE Part # 770985-3 MINI UMNL PIN 26-22AWG AU LP

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)
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Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Power Contacts(89)



Wire-to-Board Headers & Receptacles (93)

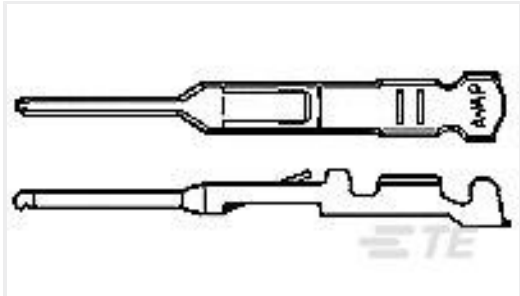
Customers Also Bought



TE Part #292206-2
MINI CT SGL DIP H 2P NAT



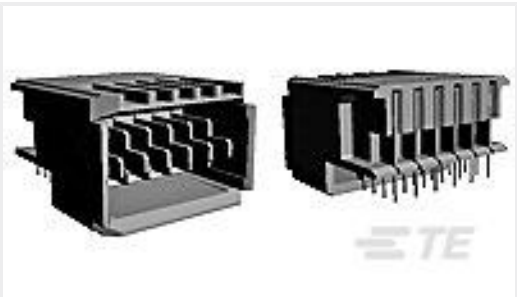
TE Part #2-2176459-5
SMW 7W 1R0 5% Taped



TE Part #170429-1
EIS REC CONT 26-20 AWG BR TN



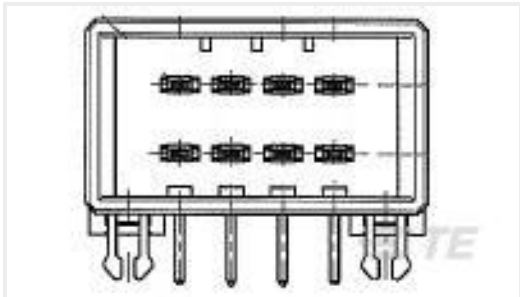
TE Part #5-1614884-3
CPF 0805 360R 0.1% 25PPM 1K RL



TE Part #120956-1
UPM EXPANDED PIN ASSEMBLY



TE Part #L9000083-01
Antenna Hinged Pnl Mnt 2.4GHz 125 MF1



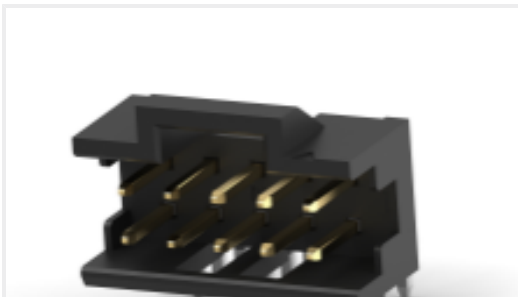
TE Part #1717412-2
DYNAMIC D-3100D H-HDR ASSY 8P



TE Part #1-172161-9
MINI UNIVERSAL M-N-L CAP 9P



TE Part #5-747912-4
25 PLUG SOLDER CUP STD DUPL, R



TE Part #1-2823411-2
12P,2MM,PL HDR,DRRT,2.8,0.76AU,TB

Documents

Product Drawings

MINI UNIVERSAL M-N-L CAP 6P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-172160-2_N.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-172160-2_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172160-2_N.3d_stp.zip](#)

English

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Product Specifications

[Engineering Report](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English