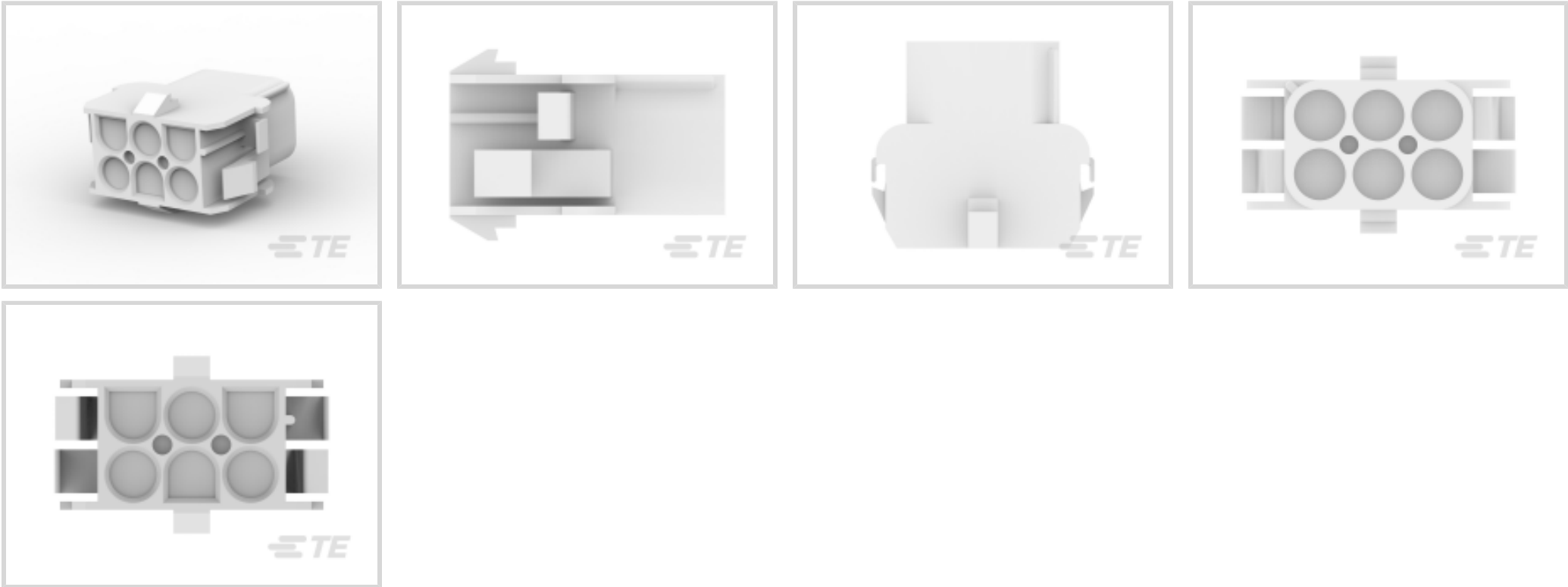




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product 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 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Nylon
Centerline (Pitch)	6.35 mm[.25 in]

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]
Panel Thickness (Recommended)	.76 – 2.29 mm[.76 – 2.29 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1969882-1
09P UMNL CAP HSG, P/M, GW V0



TE Part # 1-480704-4
06P UMNL PLUG HSG YELL



TE Part # 1-480705-4
06P UMNL CAP HSG YELL



TE Part # 1-350715-1
06P UMNL V0 PLUG HSG BROWN



TE Part # 1-480705-9
06P UMNL CAP HSG BLK



TE Part # 1-480705-0
06P UMNL CAP HSG NATL



TE Part # 1586090-1
06P UMNL PINHDR NO DRAIN HOLE



TE Part # 350431-1
06P UMNL PIN HDR ASSY V2 NAT



TE Part # 350834-1
06P UMNL HDR ASSY PC 94VO



TE Part # 641970-1
06P UMNL PIN HDR ASSY 94VO



TE Part # 643424-3
06P UMNL HDR ASSY POL 94VO LF



TE Part # 641969-1
06P UMNL PIN HDR ASSY V2 NATL



TE Part # 643253-1
06P UMNL ASSY MOD HSG VO



TE Part # 1586846-1
06P UMNL PLUG HSG NATL, GW



TE Part # 1-480705-2
06P UNML CAP HSG RED



TE Part # 770020-1
06P UMNLII IN-LNE PLUG HSG KIT



TE Part # 643424-1
06P UMNL HDR ASSY POL 94VO



TE Part # 1969881-1
06P UMNL CAP HSG, P/M, GW VO



TE Part # 2294562-1
UMNL TWIST-N-LOK, 5POS, CAP HOUSING



TE Part # 1586090-3
06P UMNL PINHDR W/O DR HOLE LF

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



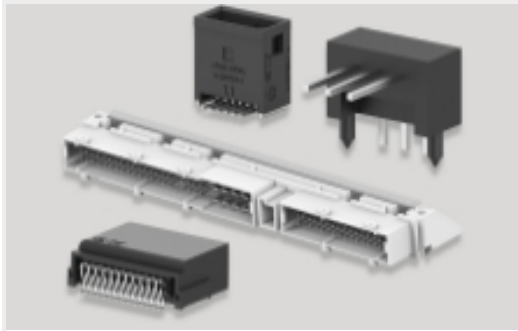
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



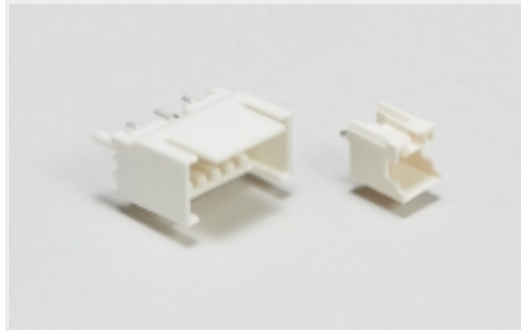
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(286)



Rectangular Power Connectors(651)



Wire-to-Board Headers & Receptacles (286)

Customers Also Bought



TE Part #456410-7
CRIMPER, WIRE .130 "F"



TE Part #E77815-000
B-155-1503



TE Part #1-172160-9
MINI UNIVERSAL M-N-L CAP 6P



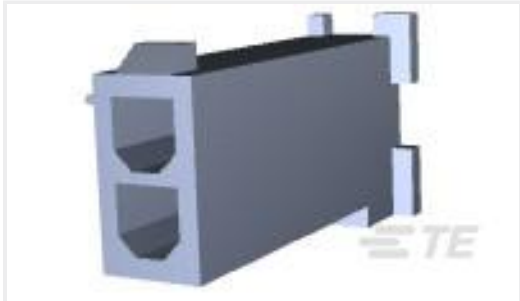
TE Part #1-172168-9
MINI UNIVERSAL M-N-L PLUG 6P



TE Part #1-172162-2
12 POS TR MINI UNIV



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



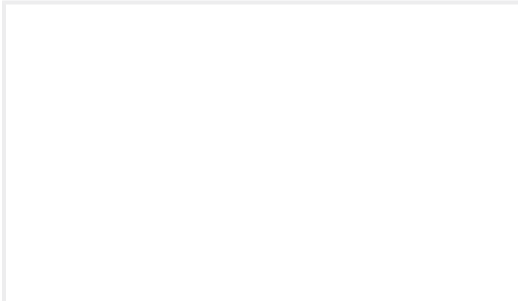
TE Part #1-172233-9
2P MINI UNIV FREE HANG BLACK



TE Part #1-172160-2
MINI UNIVERSAL M-N-L CAP 6P



TE Part #CB2042-000
B-155-9101



TE Part #1-1825043-9
UP3DTBNLA04,MICROSWITCH,SNAP

Documents

Product Drawings
06P UMNL CAP HSG, GW

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_1586860-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_1586860-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_1586860-1_A.3d_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English