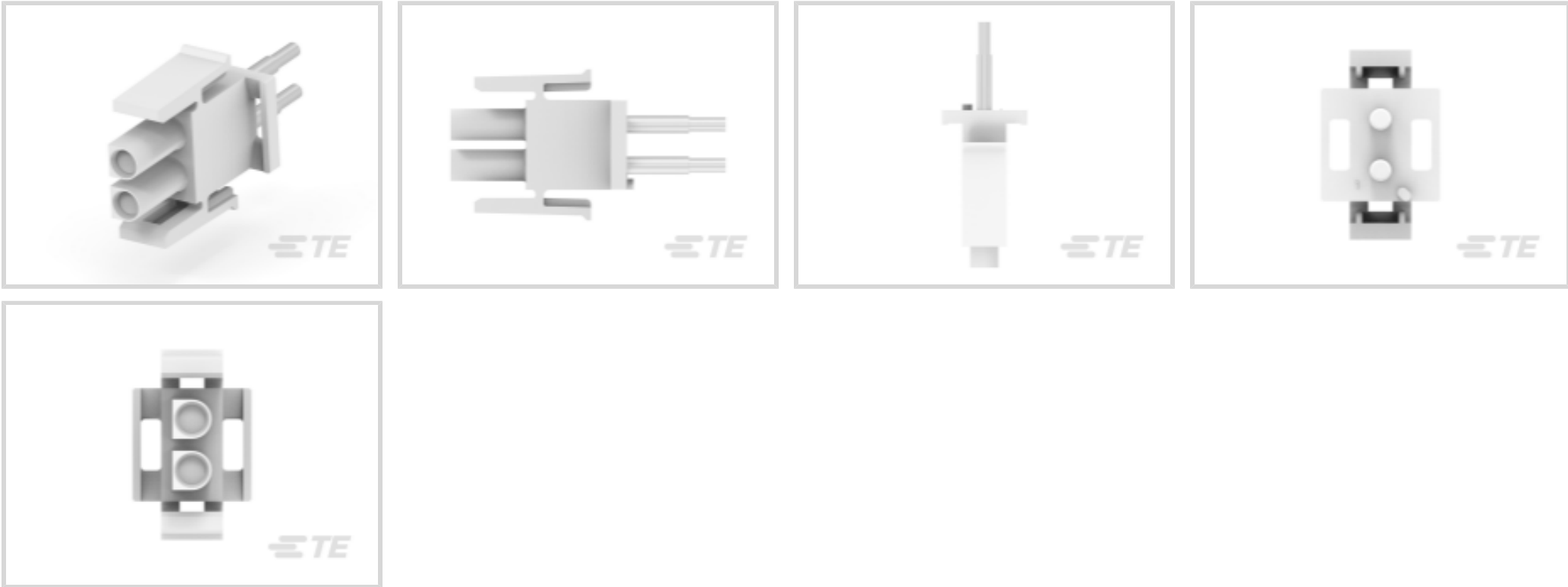




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **2**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Inline



Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	5 A
Contact Retention Within Housing	Without
Contact Type	Socket
Wire Contact Termination Area Plating Material	Pre-Tin

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Wire Size	.05 – 5.26 mm²
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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

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



Packaging Features

Packaging Quantity	1
Packaging Method	Box

Product Compliance

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

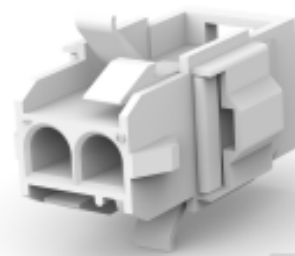
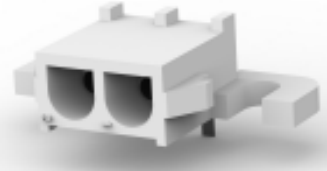
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (2.97% in Component Part) 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
Solder Process Capability	Not reviewed 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 # 350787-3 02P UMNL PIN HDR ASSY 94VO LF	 TE Part # 350787-1 02P UMNL PIN HDR ASSY 94VO	 TE Part # 350428-4 02P UMNL PIN HDR ASSY NATL AU	 TE Part # 350759-5 02P UMNL HDR ASSY PC V2 LF
 TE Part # 1-350942-0 02P UMNL HDR ASSY R/A 94VO	 TE Part # 350786-3 02P UMNL HDR ASSY AU 94VO	 TE Part # 770024-1 02P UMNLII IN-LINE CAP HSG KIT	 TE Part # 350824-1 02P UMNL HDR ASSY PC 94VO
 TE Part # 643226-1 02P UMNL HDR ASSY R/A 94VO	 TE Part # 641777-1 UMNL STR/REL ADAPTER NATL	 TE Part # 641964-1 02P UMNL PIN HDR ASSY POL 94VO	 TE Part # 350824-4 02P UMNL HDR ASSY PC LF
 TE Part # 350428-1 02P UMNL PIN HDR ASSY NATL	 TE Part # 641963-1 02P UMNL PIN HDR ASSY POL NATL	 TE Part # 641964-3 02P UMNL PIN HDR ASSY POL LF	 TE Part # 350786-1 02P UMNL HDR ASSY 94VO
 TE Part # 350778-1 02P UMNL CAP HSG	 TE Part # 643411-1 02P UMNL HDR ASSY POL	 TE Part # 643412-1 02P UMNL HDR ASSY POL 94VO	 TE Part # 1-641964-1 02P UMNL HDR ASSY POL BLK

Also in the Series | [Universal MATE-N-LOK](#)



Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



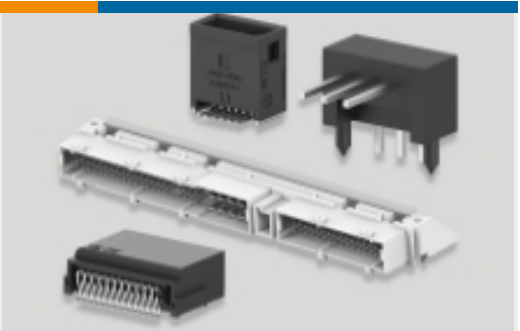
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(285)



Rectangular Connector Housings(1)



Rectangular Power Connectors(370)

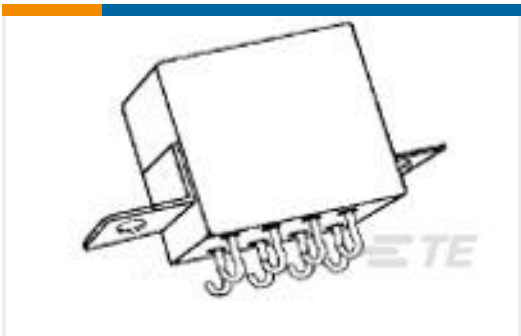


Standard Circular Connectors(1)

Customers Also Bought



TE Part #2-2834075-3
3P REC, MINIATURE WATERPROOF CONN,BLACK



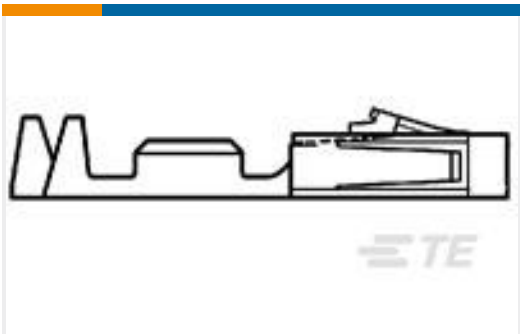
TE Part #5-1617758-2
FCB-205-0226M=M83536/2-026M



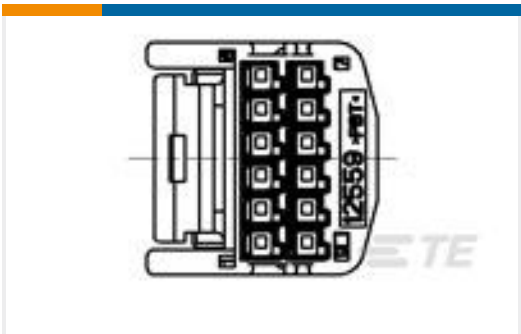
TE Part #1586860-1
06P UMNL CAP HSG, GW



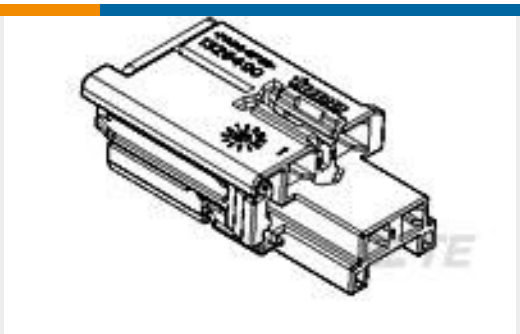
TE Part #828906-2
BLINDSTOPFEN 1,5SYS



TE Part #104480-8
SHORT POINT RCP CONT LP



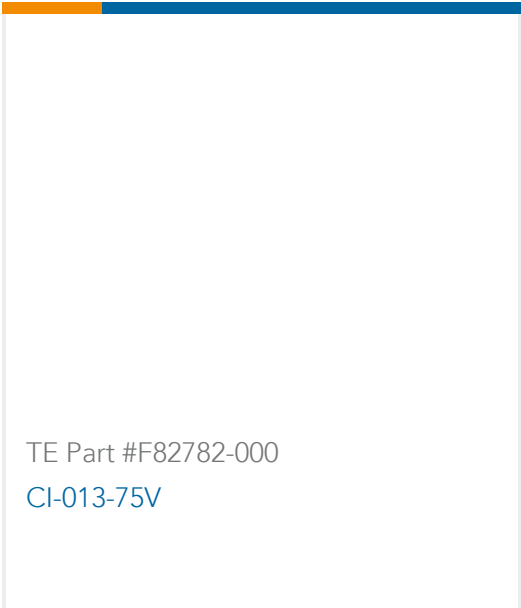
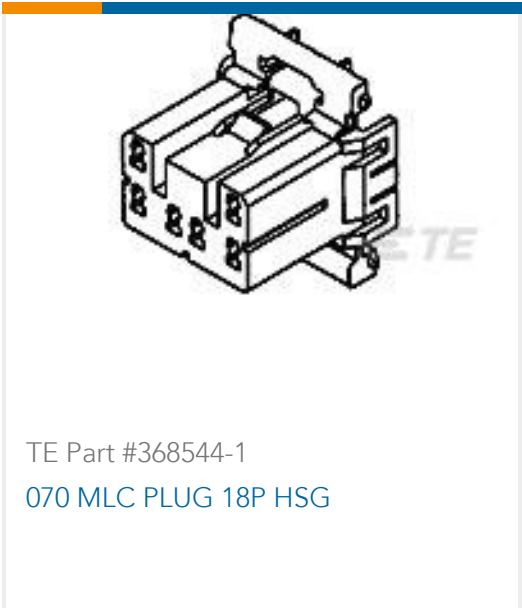
TE Part #1746872-1
0.64III 12POS PLUG ASSY



TE Part #1326490-3
4P JPT/MT3 PLUG W/LATCH,GRAY



TE Part #2-2834068-2
PIN CONTACT,MINIATURE WATERPROOF CONN



Documents

Product Drawings

02P UMNL PLUG TEST ASSY 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350848-2_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350848-2_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350848-2_A2.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_350848-2_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_350848-2_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_350848-2_A1.2d_dxf.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English