



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **6**

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

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, 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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Contact Features

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



Contact Type	Socket
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	Black
Housing Material	Nylon
Dimensions	
Connector Height	27.43 mm[1.08 in]
Product Width	13.97 mm[.549 in]
Product Length	27.43 mm[1.079 in]
Row-to-Row Spacing	6.35 mm[.25 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power & Signal
Identification Marking	
Circuit Identification Feature	Without
Industry Standards	
CSA Rating	Certified, LR 7189
UL Rating	Recognized
Agency/Standard	CSA, UL, VDE
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	GWT 750°C (Without Flame)
Packaging Features	
Packaging Quantity	1
Packaging Method	Package



Product Compliance

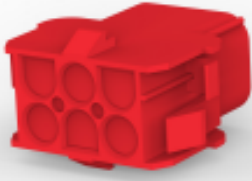
For compliance documentation, visit the product page on TE.com>

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1-480705-2
06P UNML CAP HSG RED



TE Part # 1586860-1
06P UMNLCAP HSG, GW



TE Part # 770027-1
06P UMNLCAP HSG KIT



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



TE Part # 1-480710-9
15P UMNL PLUG HSG BLK



TE Part # 350781-1
06P UMNL CAP HSG



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



TE Part # 794901-1
03P UMNL HI TEMP PLUG HSG



TE Part # 794536-1
06P UMNL CAP HSG 150C BLK



TE Part # 794096-1
06P UMNL PLUG



TE Part # 2178773-1
UMNL 6 WAY CAP HOUSING



TE Part # 794714-1
06P UMNL CAP HSG NATL,PAN MNT



TE Part # 2-480705-0
06P UMNL CAP HSG NATL



TE Part # 770051-1
06P UMNL II CAP-FRONT 94VO



TE Part # 770052-1
06P UMNL II CAP REAR 94VO



TE Part # 926682-1
UNIVERSAL M-N-L CAP 6 POS



TE Part # 926682-3
06P UNIV.M-N-L.HSG.



TE Part # 1586887-1
06P UMNL CAP HSG, P/M, GW

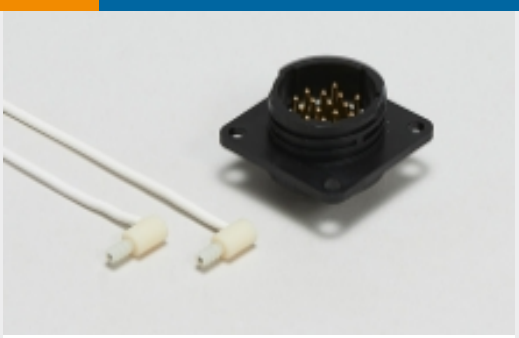


TE Part # 794535-1
06P UMNL PLUG HSG 150C BLK

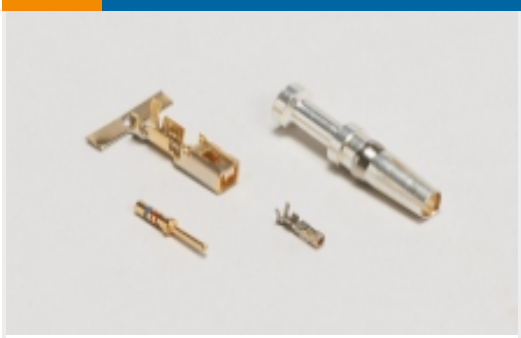


TE Part # 8-794536-1
06P UMNL CAP HSG 150C BLK, SPE

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(2)



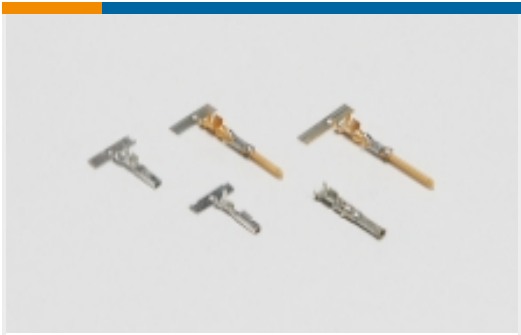
Connector Seals & Cavity Plugs(27)



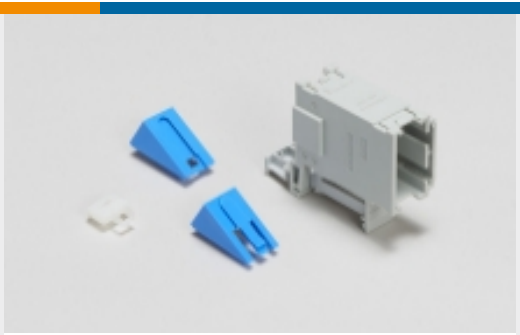
Connector Strain Relief(34)



Insertion & Extraction Tools(4)



Power Contacts(207)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(1)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(8)



Rectangular Power Connectors(672)

Customers Also Bought



TE Part #794535-1
06P UMNL PLUG HSG 150C BLK

Documents

Product Drawings

06P UMNL PLUG HSG 150C BLK, SP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-794535-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-794535-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-794535-1_B.3d_stp.zip

English

Customer View Model



[ENG_CVM_8-794535-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_8-794535-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-794535-1_A1.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Product Specifications

[Application Specification](#)

English