



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
Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	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

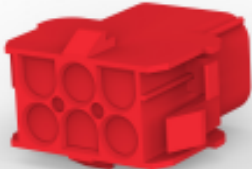
For compliance documentation, visit the product page on TE.com>

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



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



TE Part # 770027-1
06P UMNLCAP HSG KIT

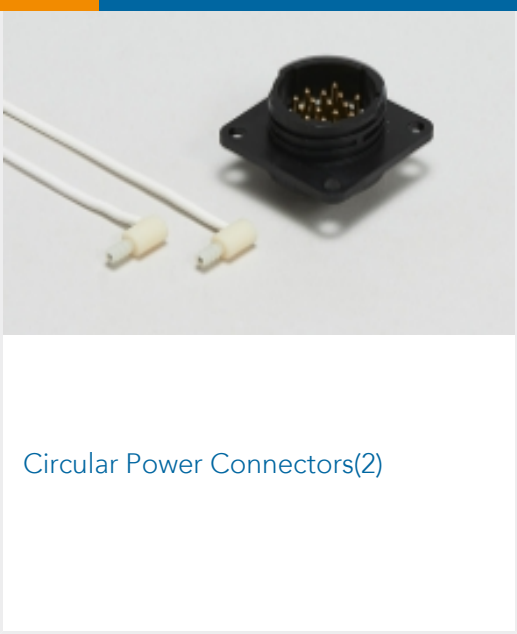
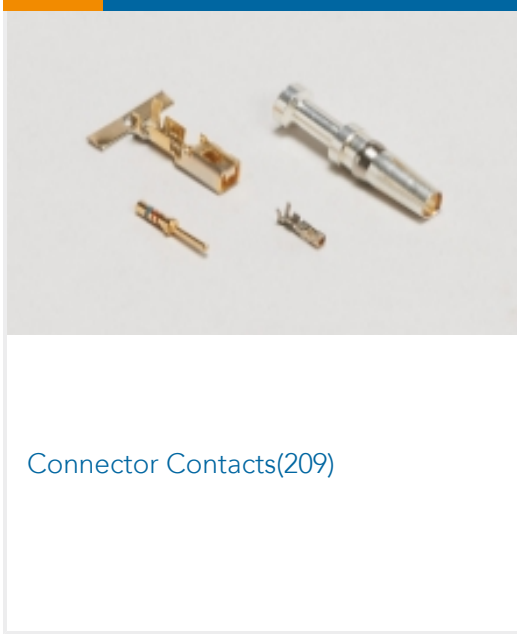


TE Part # 926682-3
06P UNIV.M-N-L.HSG.



 TE Part # 1-480705-9 06P UMNL 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 # 794535-1 06P UMNL PLUG HSG 150C BLK	 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 # 794760-1 06P UMNL CAP HSG WHITE,PAN MNT	 TE Part # 794714-1 06P UMNL CAP HSG NATL,PAN MNT	 TE Part # 1-480705-1 06P UMNL CAP HSG BRN
 TE Part # 2-480705-0 06P UMNL CAP HSG NATL	 TE Part # 2029367-1 06P UMNL-II TW-N-LK-CAP FRONT	 TE Part # 770051-1 06P UMNL II CAP-FRONT 94VO	 TE Part # 770052-1 06P UMNL II CAP REAR 94VO

Also in the Series | Universal MATE-N-LOK

 Circular Power Connectors(2)	 Connector Caps & Covers(34)	 Connector Contacts(209)	 Connector Hardware(12)
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Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)



Rectangular Power Connectors(670)



Standard Circular Connectors(1)

Customers Also Bought



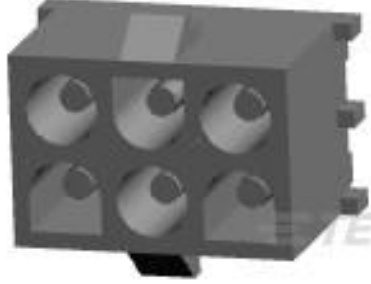
TE Part #2-1462051-3
HF3 53S=50OHM140MW 5V MONO



TE Part #M3021-000005-05KPG
PRESS XDCR M3021-000005-05KPG



TE Part #1586174-1
06P UMNL PIN HDR 94VO NDH



TE Part #1969814-1
06P UMNL PIN HDR ASSY, PIN V0 GW



TE Part #7-1625890-4
2W SM M/OX 5% 2K7



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



TE Part #2344657-5
FPC ANTENNA, CABLE, MHF, Wi-Fi TRIPLE



TE Part #9-1879350-9
RR01 5% 2K7 AMMO



TE Part #9-1879352-5
RR02 5% 2K7 AMMO



TE Part #643749-1
06P UMNL HDR ASSY W/O DRNS

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

Agency Approvals

UL

English