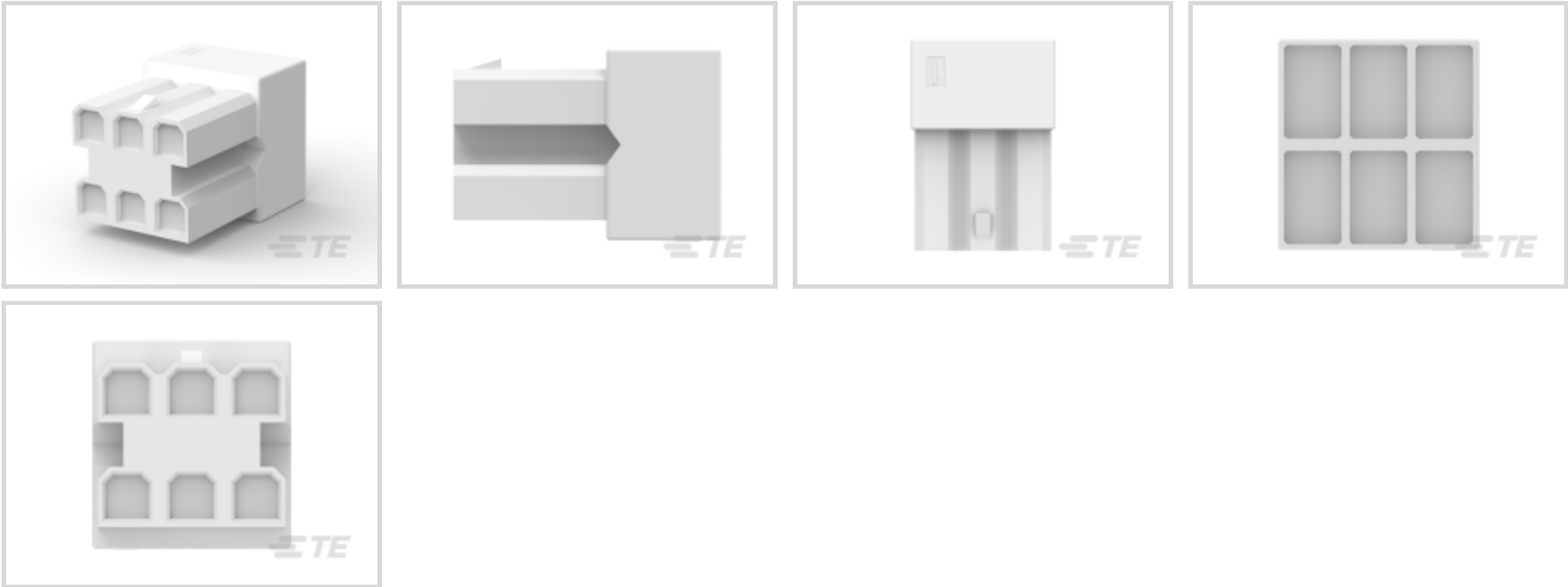




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **7.92 mm [.312 in]**

Features

Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Socket

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
Compatible With Approved Standards Products	UL E28476
UL Rating	Recognized
CSA Rating	LR 7189, Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Product Type Features



Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	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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Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Centerline (Pitch)	7.92 mm[.312 in]
Housing Color	Natural
Housing Material	Nylon GF

Dimensions

Row-to-Row Spacing	12.7 mm[.5 in]
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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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Packaging Features

Packaging Method	Package
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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
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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

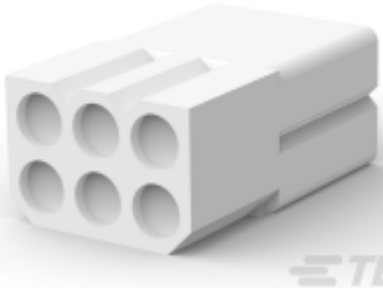
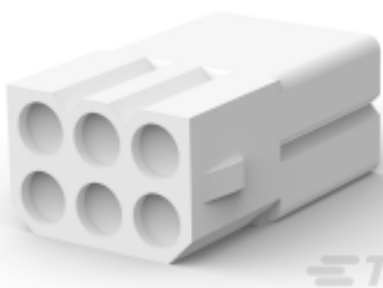
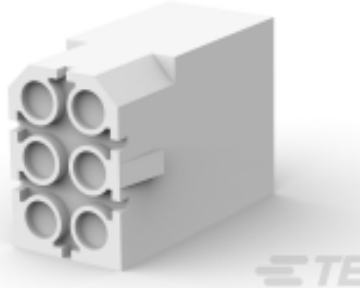
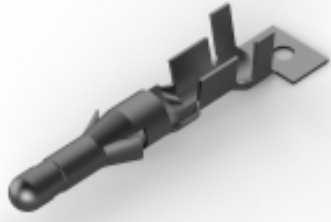
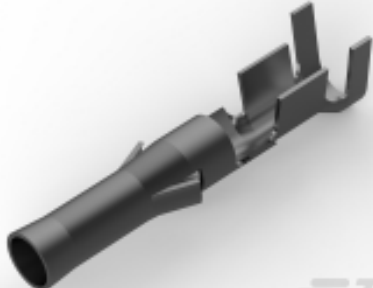
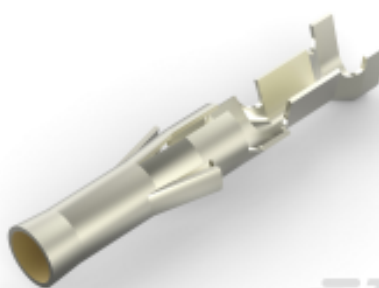
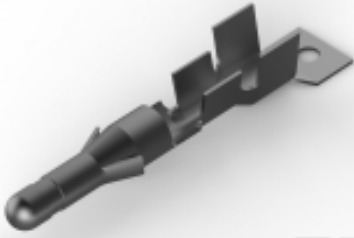
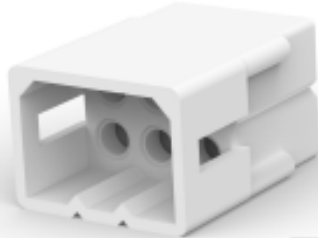
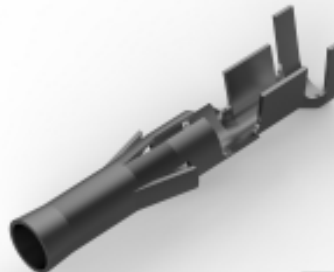
Product Compliance Disclaimer

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 # 350416-5 .093 COMM P&S PIN AU/NI/BR	 TE Part # 350418-5 .093 COMM P&S PIN AU/NI/BR	 TE Part # 770529-1 .093 COMM P&S SOK 14-20 PTPBR	 TE Part # 350415-5 .093 COMM P&S SOK 20-14 AUBR
 TE Part # 770147-1 .093 CP&S PIN PTPBR LP 24-18	 TE Part # 770087-1 06P .093 COMM P&S RECPT HSG	 TE Part # 770144-1 .093 CP&S SOK PTPBR L/P 20-14	 TE Part # 770530-1 .093 COMM P&S PIN 14-20 PTPBR



 TE Part # 770088-1 06P .093 COMM P&S RECPT HSG	 TE Part # 770361-1 06P .093 COMM P&S PLUG .250CL	 TE Part # 770086-1 06P .093 COMM P&S RECPT HSG	 TE Part # 770360-1 06P .093 COMM P&S RECPT .250CL
 TE Part # 350416-1 .093 COMM P&S PIN 14-20 PTPBR	 TE Part # 350417-1 .093 COMM P&S SOK 18-24 PTPBR	 TE Part # 770144-6 .093 CP&S SOC PTPPHBZ LP 20-14	 TE Part # 350417-5 .093 COMM P&S SOK AU/NI/BR
 TE Part # 770145-1 .093 COMM P&S PIN PTPBR LP	 TE Part # 770815-1 .093 COMM P&S SOCKET	 TE Part # 770090-1 06P .093 COMM P&S PLUG HSG	 TE Part # 350415-1 .093 COMM P&S SOK 14-20 PTPBR

Also in the Series

Commercial Pin and Socket Connectors

 Connector Contacts(41)	 Insertion & Extraction Tools(3)	 Power Contacts(39)	 Rectangular Connector Housings(10)
 Rectangular Power Connectors(84)	 Standard Circular Connectors(1)		

Customers Also Bought





TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



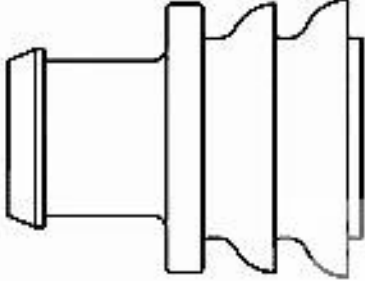
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770812-1_P_c-770812-1-p.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770812-1_P_c-770812-1-p.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770812-1_P_c-770812-1-p.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English