



TE Internal #: 1-1644055-3

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 6
 Position, 6.35 mm [.25 in] Centerline, Wire & Cable, UL 94V-0, GWT
 750°C (Without Flame)

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **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-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

Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features



Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
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Housing Color	Natural
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Housing Material	PA 66
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Dimensions

Row-to-Row Spacing	6.35 mm [.25 in]
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Height	13.97 mm [.55 in]
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Length	20.32 mm [.8 in]
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Width	27.43 mm [1.079 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
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Industry Standards

UL Flammability Rating	UL 94V-0
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Glow Wire Rating	GWT 750°C (Without Flame)
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UL Rating	Recognized
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Agency/Standard Number	E28476
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CSA File Number	LR7189
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VDE Tested	Yes
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Agency/Standard	CSA
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Packaging Features

Packaging Method	Bag
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

 <p>TE Part # 1586846-1 06P UMNL PLUG HSG NATL, GW</p>	 <p>TE Part # 1-480704-9 06P UMNL PLUG HSG BLK</p>	 <p>TE Part # 350715-1 06P UMNL PLUG HSG</p>	 <p>TE Part # 1-480704-0 06P UMNL PLUG HSG NATL</p>
 <p>TE Part # 1-1644055-2 UMNL 6 WAY PLUG HOUSING</p>	 <p>TE Part # 794096-1 06P UMNL PLUG</p>	 <p>TE Part # 1-350781-4 06P UMNL V0 CAP HSG YELLOW</p>	 <p>TE Part # 1969779-1 6POS UMNL W/ INTERFACE & WIRE SEAL</p>



Documents

Product Drawings

[06P UMNL PLUG HSG GWEPT-V0 WINDOW LATCH](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1644055-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1644055-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1644055-3_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English