

FORGE

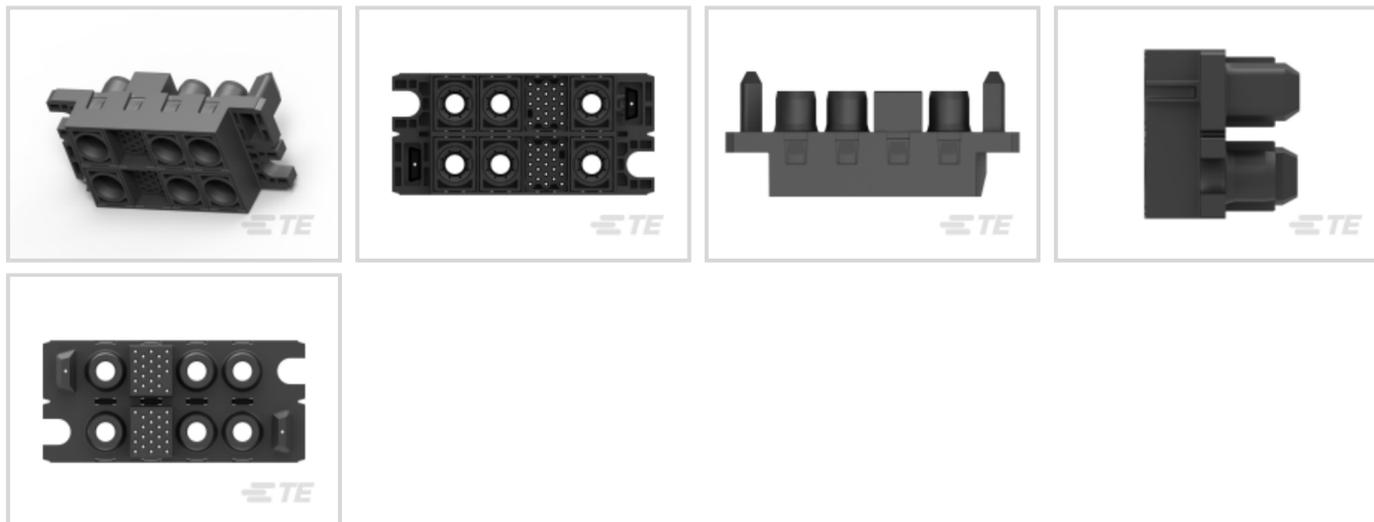
TE Internal #: 2212292-1

Rectangular Power Connectors, Connector Assembly, Plug, Wire-to-Panel, 8 Position, 2.77 mm / 16 mm [.315 in / .109 in] Centerline, Wire & Cable

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **8**

Centerline (Pitch): **2.77 mm, 16 mm [.109 in, .315 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Connector Profile	Standard
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Contact Features

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Contact Retention Within Housing	With
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Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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Wire/Cable Type	Stranded
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Wire Type	Stranded
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Mechanical Attachment

Mating Alignment Type	Blindmate
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Mating Alignment	With
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Panel Mount Feature	With
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Panel Mount Feature Type	Screw Mount
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Connector Mounting Type	Panel Mount
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Housing Features

Centerline (Pitch)	2.77 mm, 16 mm [.109 in][.315 in]
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Housing Color	Black
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Housing Material	Thermoplastic
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Cable Exit Angle	Straight
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Dimensions

Row-to-Row Spacing	21 mm [.827 in]
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Panel Thickness	1.5 – 1.78 mm [.59 – .7 in]
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Width	38.75 mm [1.525 in]
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Height	42 mm [1.653 in]
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Length	92 mm [3.622 in]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Shielded	No
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Operation/Application

Circuit Application	Power & Signal
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Identification Marking

Circuit Identification Feature	Without
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Industry Standards

UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	UL 1977
UL Rating	Certified
VDE Tested	No

Packaging Features

Packaging Method	Box
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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 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 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



Documents

Product Drawings

[FORGE, ASSY SCKT, 0#0-6#4-0#8-0#12-2#22](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2212292-1_3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2212292-1_3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2212292-1_3.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1-1773875-1_FORGE_DRAWER_CONNECTORS_CN](#)

[3-1773463-3_FORGE_DRAWER_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English