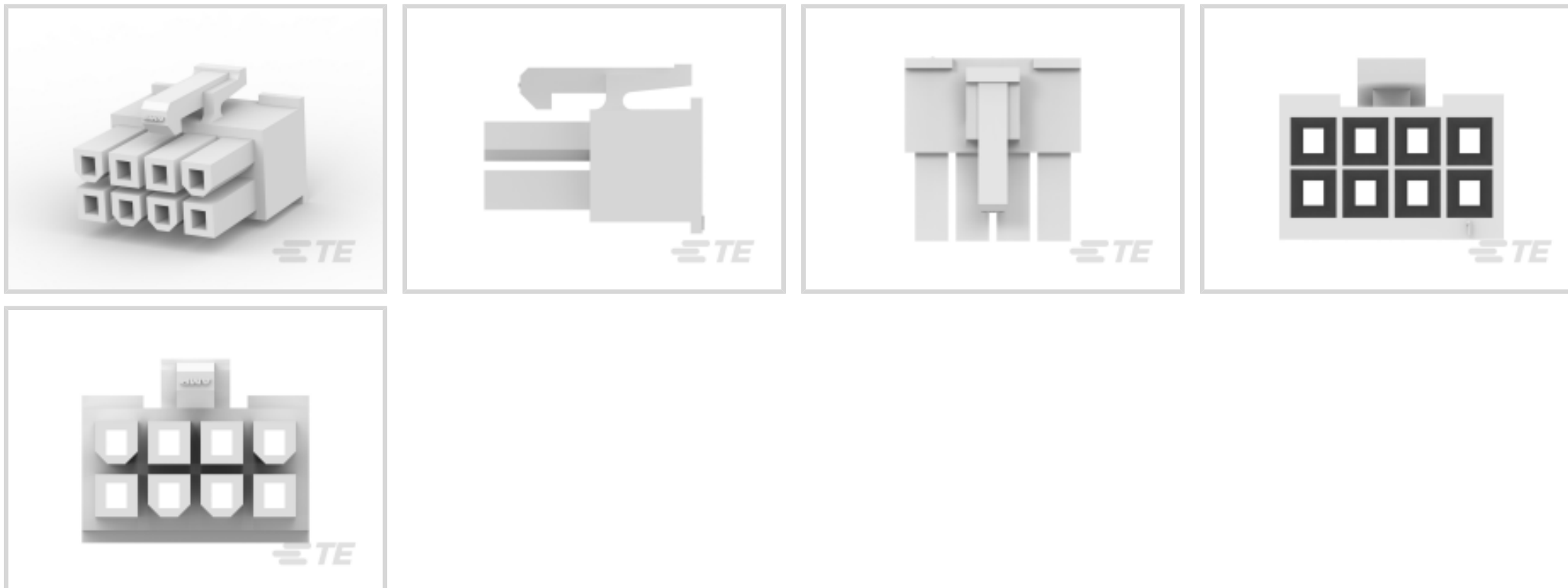




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **8**

Centerline (Pitch): **4.2 mm [.165 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Retention Within Housing	Without
Contact Type	Receptacle

Housing Features

Centerline (Pitch)	4.2 mm [.165 in]
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Housing Material	Nylon
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Dimensions

Row-to-Row Spacing	1.2 mm[.165 in]
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Height	18.8 mm[.74 in]
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Length	18.1 mm[.71 in]
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Width	11.7 mm[.46 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Insertion Force	4 Newton
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

UL Flammability Rating	UL 94V-2
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Glow Wire Rating	Standard Part - Not Glow Wire
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Agency/Standard Number	E28476
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VDE Tested	Yes
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Agency/Standard	CSA, UL
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Packaging Features

Packaging Method	Package
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Packaging Quantity	1
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2017 (173) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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>

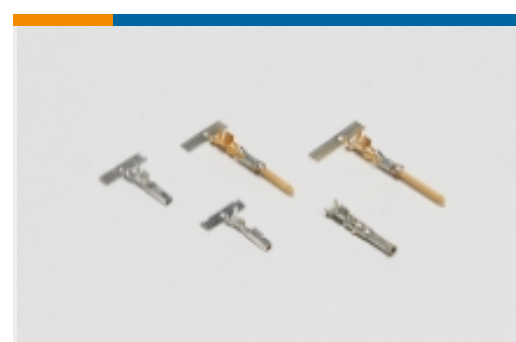
Also in the Series | AMP-DUAC



Busbar Connector Contacts(1)



Insertion & Extraction Tools(1)



Power Contacts(3)



Rectangular Boots & Strain Relief(1)



Rectangular Connector Keying Plugs(1)



Rectangular Connector Locking(1)



Rectangular Power Connectors(6)

Documents

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_106527-8_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_106527-8_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_106527-8_D.3d_stp.zip](#)



English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

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Product Environmental Compliance

[TE Material Declaration](#)

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Agency Approvals

[Agency Approval Document](#)

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