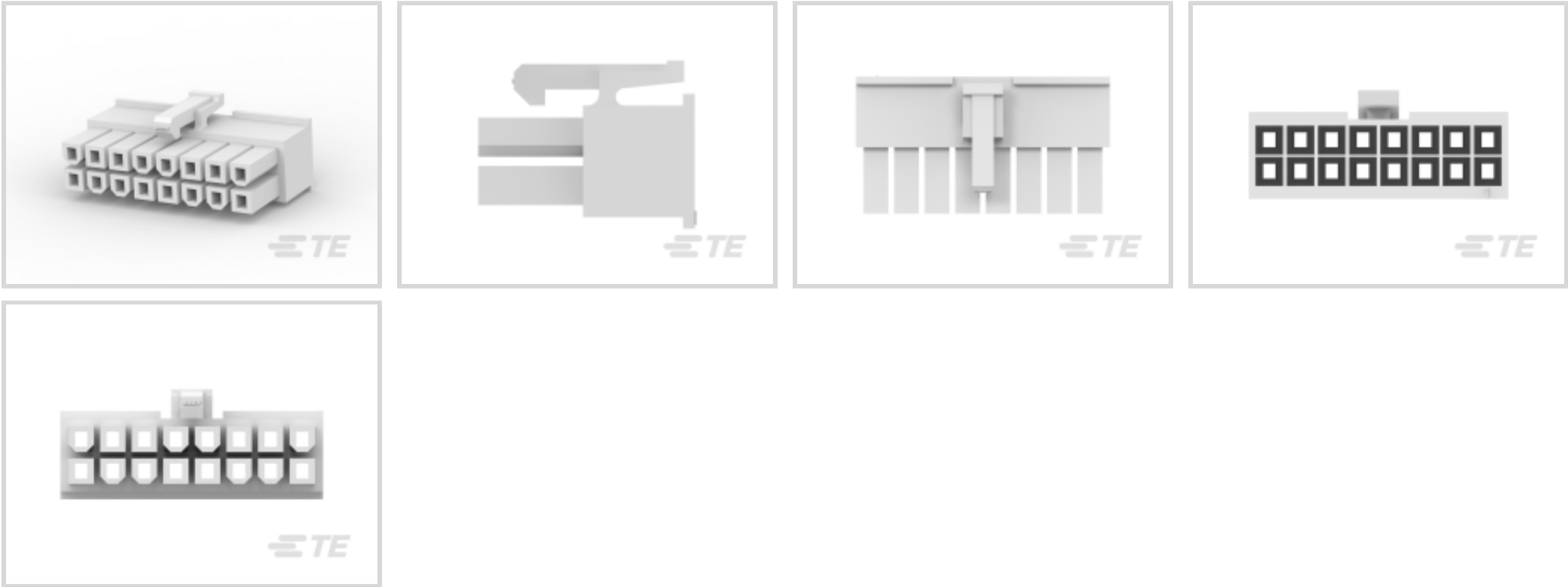




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **16**

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

Insertion Force	4 Newton
Number of Positions	16
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]
Housing Material	Nylon

Dimensions

Connector Height	18.8 mm[.74 in]
Product Width	11.7 mm[.46 in]
Product Length	34.9 mm[1.37 in]
Row-to-Row Spacing	1.2 mm[.165 in]

Usage Conditions

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

Circuit Identification Feature	With
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Industry Standards

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

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: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | AMP-DUAC




Connector Caps & Covers(1)



Connector Contacts(4)



Connector Hardware(1)



Insertion & Extraction Tools(1)




Rectangular Power Connectors(6)

Customers Also Bought



TE Part #ZPF000000000136485
RECEPTACLE MALE FOR 12 PINS,
CAL1,6



TE Part #EC9833-000
ZHD-SCE-3.2-50-S1-4



TE Part #1-1415543-5
RTE44110



TE Part #ASA158F12390235000
623 PLUG



TE Part #ZPF00000000205373
PLUG MALE ANG.90 CAL.20 - FXP

TE Part #YZ-KC-212751A-PY00
TOOL DISMOUNTING - FXP2

TE Part #55992-1
TERMINAL,AMPOWER R 2/0 5/16

TE Part #ZPF00000000205378
CONTACT MALE ANG.90, CAL20, 120MM2 - FXP

TE Part #ZPF00000000205388
CONTACT FEMALE CAL.20, M12 - FXP

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-106527-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-106527-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_1-106527-6_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

English

Agency Approvals

Agency Approval Document

English