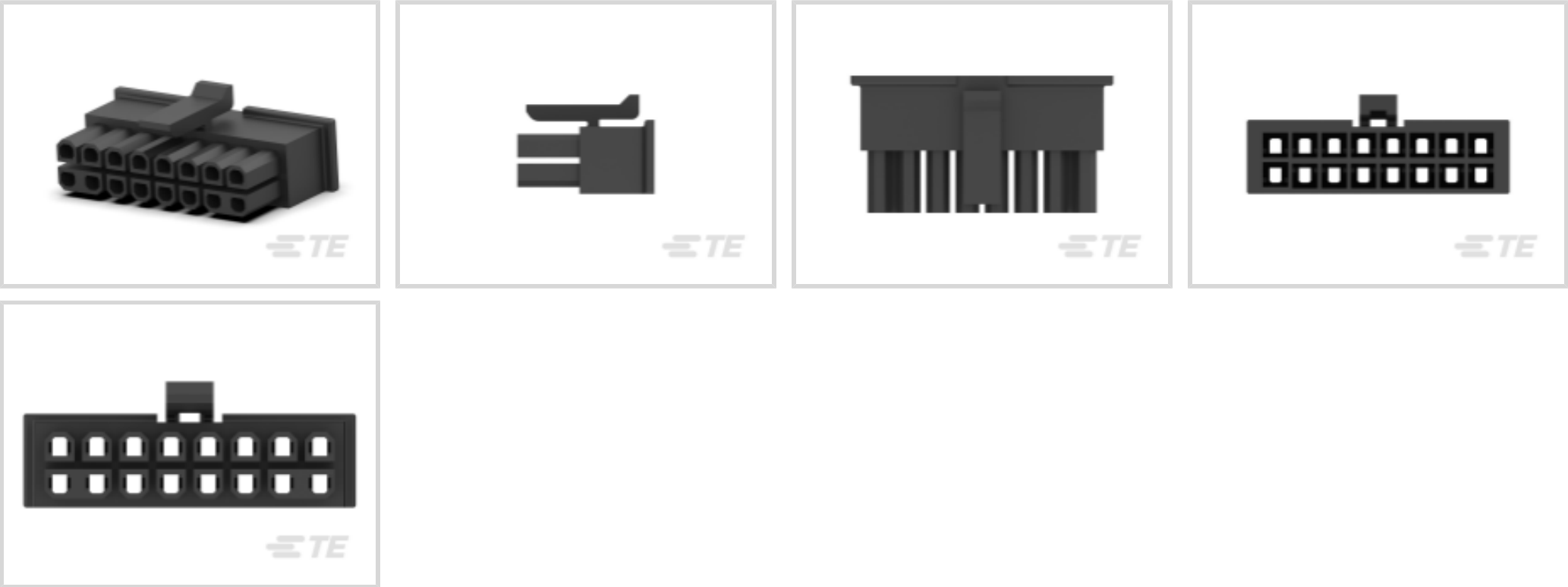




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Number of Positions: **16**

Centerline (Pitch): **3 mm [.118 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Mating & Unmating Configuration	Normal
Number of Positions	16
Number of Power Positions	16
Number of Signal Positions	0
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Wire Color (Base)	Black
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	8.5 A
Contact Type	Receptacle
Contact Mating Area Plating Material Thickness	2.5 µm[100 µin]

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	3 mm[.118 in]
Housing Color	Black
Housing Material	Nylon 66

Dimensions

Row-to-Row Spacing	3 mm[.118 in]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 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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Packaging Features

Packaging Method	Bag & 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 2024 (241) Candidate List Declared Against: JAN 2022 (223) 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 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



TE Part # 7-2204801-8
ELCON MICRO,HEADER,VERTICAL DIP,16P



TE Part # 1-2204749-8
ELCON MICRO,RECEPTACLE, CONTACT, TIN

TE Part # 4-2204805-8
ELCON MICRO,HDR,VERTICAL DIP W /CAP,10P

TE Part # 7-2204746-8
ELCON MICRO,HEADER,VERTICAL SMT,16P

TE Part # 7-2204747-8
ELCON MICRO,HEADER,R/A SMT,16P

TE Part # 7-2362391-8
ELCON MICRO,HEADER,R/A DIP,16P

Customers Also Bought



TE Part #1-480701-0
03P UMNL CAP HSG NATL



TE Part #7-2204801-8
ELCON MICRO,HEADER,VERTICAL DIP,16P

Documents

CAD Files



3D PDF

3D

Customer View Model

ENG_CVM_CVM_2204748-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2204748-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2204748-8_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773956-3-ELCON-Micro-CN

ELCON Micro Power Connectors (EN)

English

Product Specifications

Application Specification

English