



Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: Wire-to-Panel, Wire-to-Wire

Number of Positions: 6

Centerline (Pitch): 4.95 mm [ .195 in ]

Number of Rows: 3

Housing Material: Nylon GF

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Type	Pin
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Mechanical Attachment

Panel Mount Feature Type	Locking Ear
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Connector Mounting Type

Cable Mount (Free-Hanging), Panel Mount

Housing Features

Housing Color	Natural
Centerline (Pitch)	4.95 mm[.195 in]
Housing Material	Nylon GF

Dimensions

Panel Thickness (Recommended)	1.02 – 2.54 mm[.04 – .1 in] .705 in
Row-to-Row Spacing	9.14 mm[.36 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

CSA Rating	LR 16455
Agency/Standard	CSA, UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-2

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235)



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 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




TE Part # 1-480276-4  
06P CMNL CAP HSG P/M YELL




TE Part # 1-480696-0  
06P CMNL PLUG HSG M-M D/L NATL


Also in the Series | Commercial MATE-N-LOK




Connector Contacts(20)



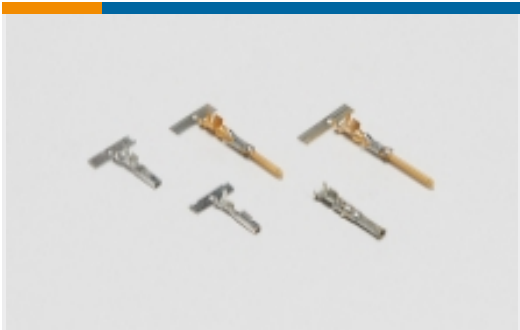
Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



Power Contacts(129)



Rectangular Caps & Covers(2)



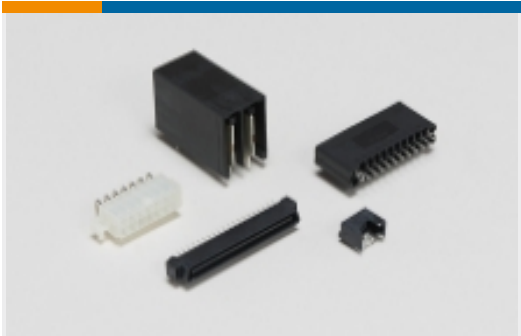
Rectangular Connector Housings(11)



Rectangular Power Connectors(169)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #59803-1  
MAINTENANCE TOOL



TE Part #59804-1  
MAINTENANCE TOOL



TE Part #60617-1  
CMNL SOK SNBR L/P



TE Part #1-480270-0  
06P CMNL PLUG HSG M/M NATL

Documents

CAD Files

Customer View Model

ENG\_CVM\_1-480697-0\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-480697-0\_N.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1-480697-0\_N.2d\_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-480697-0\_AJ.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-480697-0\\_AJ.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-480697-0\\_AJ.3d\\_stp.zip](#)

English

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Product Specifications

Application Specification

English