



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
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240)



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 Caps & Covers(2)



Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



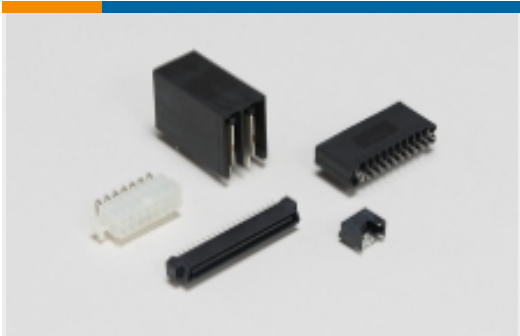
Rectangular Connector Housings(9)



Rectangular Power Connectors(167)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

Customers Also Bought



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



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



TE Part # 59803-1
MAINTENANCE TOOL



TE Part # 59804-1
MAINTENANCE TOOL

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

1-480697-0

Rectangular Connector Housings, Wire-to-Wire / Wire-to-Panel, 6 Position, .195 in [4.95 mm] Centerline, 3 Row, Nylon GF, Plug, Commercial MATE-N-LOK



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