



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **6**

Centerline (Pitch): **5.1 mm [.202 in]**

Number of Rows: **2**

Housing Material: **Nylon**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Type	Socket
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Mechanical Attachment

Panel Mount Feature Type	Locking Leg
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Connector Mounting Type

Panel Mount

Housing Features

Housing Color	Natural
Centerline (Pitch)	5.1 mm[.202 in]
Housing Material	Nylon

Dimensions

Panel Thickness (Recommended)	.64 – 1.65 mm[.025 – .065 in]
Row-to-Row Spacing	6.09 mm[.24 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	1000
Packaging Method	Bag

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

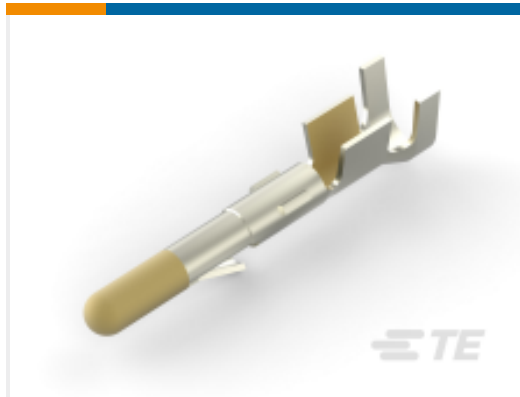


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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

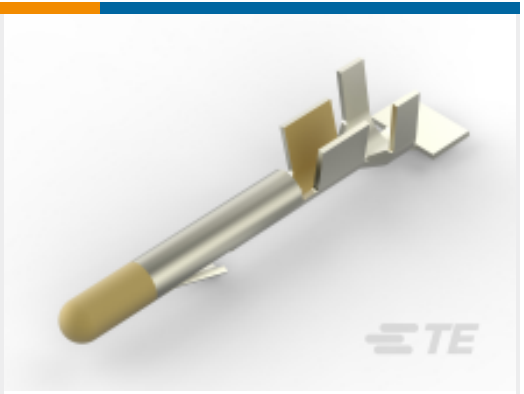
 TE Part # 60619-5 CMNL SOK AUBR L/P	 TE Part # 60617-5 CMNL SOK AUBR L/P	 TE Part # 60618-5 CMNL PIN AUBR L/P	 TE Part # 60618-4 CMNL PIN PTPPHBZL/P
 TE Part # 60617-4 CMNL SOK PTPPHBZ L/P	 TE Part # 61174-1 CMNL PIN L/P PTBR	 TE Part # 61173-1 CMNL SOK 30-22 PTBR L/P	 TE Part # 60619-1 CMNL SOK PTPBR L/P
 TE Part # 60620-1 CMNL PIN 20-14 TPBR L/P	 TE Part # 60617-1 CMNL SOK SNBR L/P	 TE Part # 60620-4 CMNL PIN 20-14 TTPHBZ L/P	 TE Part # 163304-2 MATENLOK SOCKET SDW



TE Part # 163305-2
MATE-N-LOK PIN SDW



TE Part # 60619-4
CMNL SOK PTPHBZ L/P



TE Part # 61118-5
CMNL PIN 20-14 AUNIBR



TE Part # 61314-6
CMNL SOK S/F 24-18 .0125AUPHBZ



TE Part # 61116-4
CMNL PIN 24-18 PTPHBZ



TE Part # 61117-5
CMNL SOK 20-14 AUBR



TE Part # 61314-4
CMNL SOK 24-18 TPPHBZ



TE Part # 163302-6
MATE-N-LOK SIDE WAY

Also in the Series | Commercial MATE-N-LOK



Connector Contacts(20)



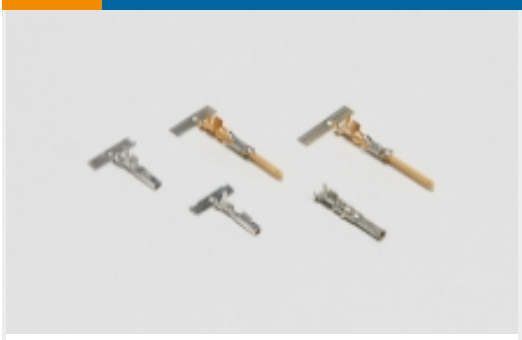
Connector Seals & Cavity Plugs(1)



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 #206070-8
CABLE CLAMP KIT #17



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



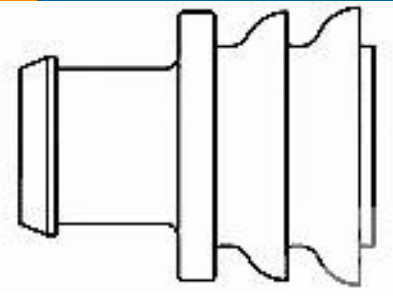
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0462-201-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

06P CMNL PLUG HSG D/L PM NAT

English

CAD Files

Customer View Model

ENG_CVM_1-480690-0_J.3d_igs.zip

English

Customer View Model

ENG_CVM_1-480690-0_J.3d_stp.zip

English

Customer View Model

ENG_CVM_1-480690-0_J.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-480690-0_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-480690-0_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-480690-0_V.3d_stp.zip

English

1-480690-0

Rectangular Connector Housings, Wire-to-Panel / Wire-to-Wire, 6 Position, .202 in [5.1 mm] Centerline, 2 Row, Nylon, Receptacle, Commercial MATE-N-LOK



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Product Specifications

Application Specification

English