2271280-1 ✔ ACTIVE

Micro Motor

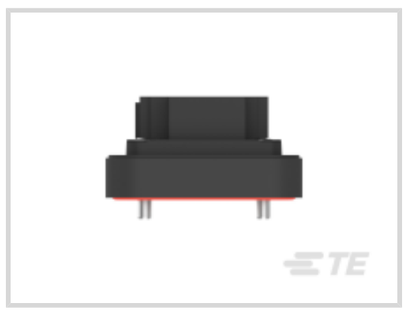
TE Internal #: 2271280-1

6 Position, Plug, Housing Assembly, Crimp, Wire-to-Motor, Normal, UL 94V-0, 2 mm [.079 in] Centerline, 2 Row, 380 VAC, Sealable, Micro Motor

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing Assembly**

Connector & Housing Type: **Plug**

Mating Alignment: **Without**

Mating Retention: **With**

Mating Retention Type: **Screw**

Features

Product Type Features

Connector Product Type	Housing Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Motor
Insertion Force Type	Normal
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	48 VDC

Body Features

Seal Type	Panel Gasket

Contact Features

Contact Retention Within Housing	With
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Mating Alignment	Without
Mating Retention	With
Mating Retention Type	Screw
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	2 mm[.079 in]

Dimensions

Row-to-Row Spacing	6.9 mm[.272 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Product Compliance

For compliance documentation, visit the product page on TE.com>

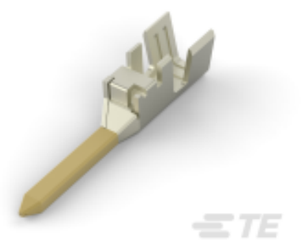
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

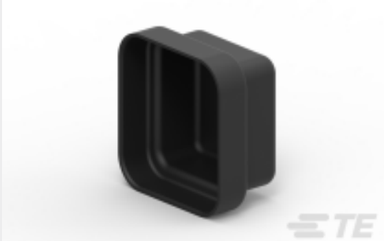
Compatible Parts



TE Part # 2271283-2
TAB TERMINAL FOR MMC CONNECTOR



TE Part # 2271285-1
GROUNDING CLIP FOR MMC CONNECTOR



TE Part # 2271284-1
DUST CAP FOR ENCODER

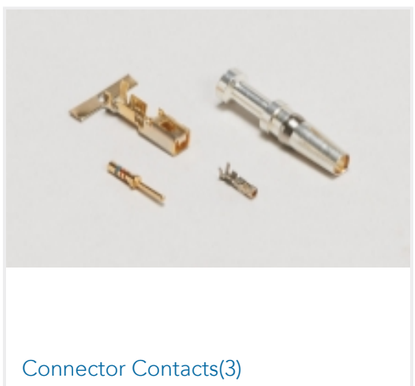


TE Part # 2271522-1
SUB ASSEMBLY FOR MMC CABLE W /O TERMINALS

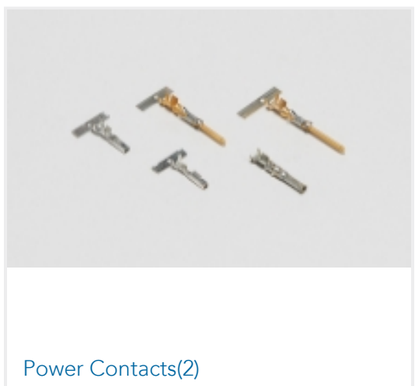
Also in the Series | Micro Motor



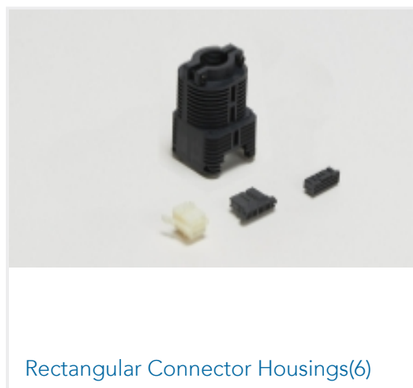
Connector Caps & Covers(2)



Connector Contacts(3)



Power Contacts(2)



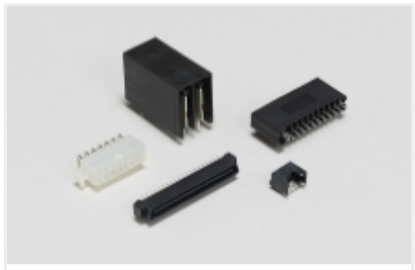
Rectangular Connector Housings(6)



Rectangular Power Connectors(2)

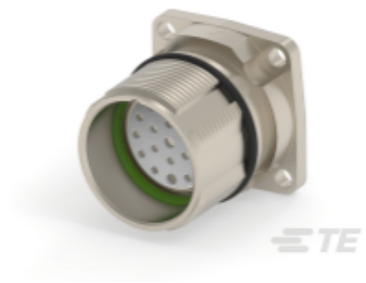


Special Purpose Terminals(1)



Standard Rectangular Connectors(8)

Customers Also Bought



TE Part #AEA561N00000201000
623 RECEPTACLE, SPEEDTEC-READY

TE Part #CGE271M07000051000
940 RECEPTACLE ANGLED, ROTATABLE,SP-READY



TE Part #20009605-14
FX293X-100A-0050-L



TE Part #61-0004-011-P00
CONTACT PIN 1 MM



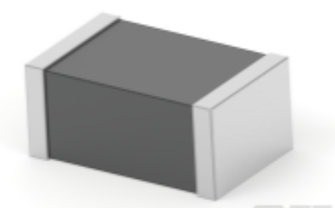
TE Part #1376009-1
DYNAMIC D2100 HDR H ASSY 8P X



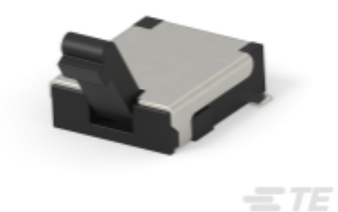
TE Part #9-1676481-1
CPF 0603 51K 0.1% 25PPM 1K RL



TE Part #9-1879134-8
RN 0603 100K 0.1% 10PPM 1K RL



TE Part #1-2176486-8
BMC 0805 1K5 25% A Gen C



TE Part #2331414-1
DET SW4.2X3.6X1.2 GW VERT(DW) NO AGAU RL

TE Part #BSA078F52420235000
923 plug

Documents

Product Drawings

SUB ASSEMBLY FOR MMC MOTOR SIDER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2271280-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2271280-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2271280-1_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English