



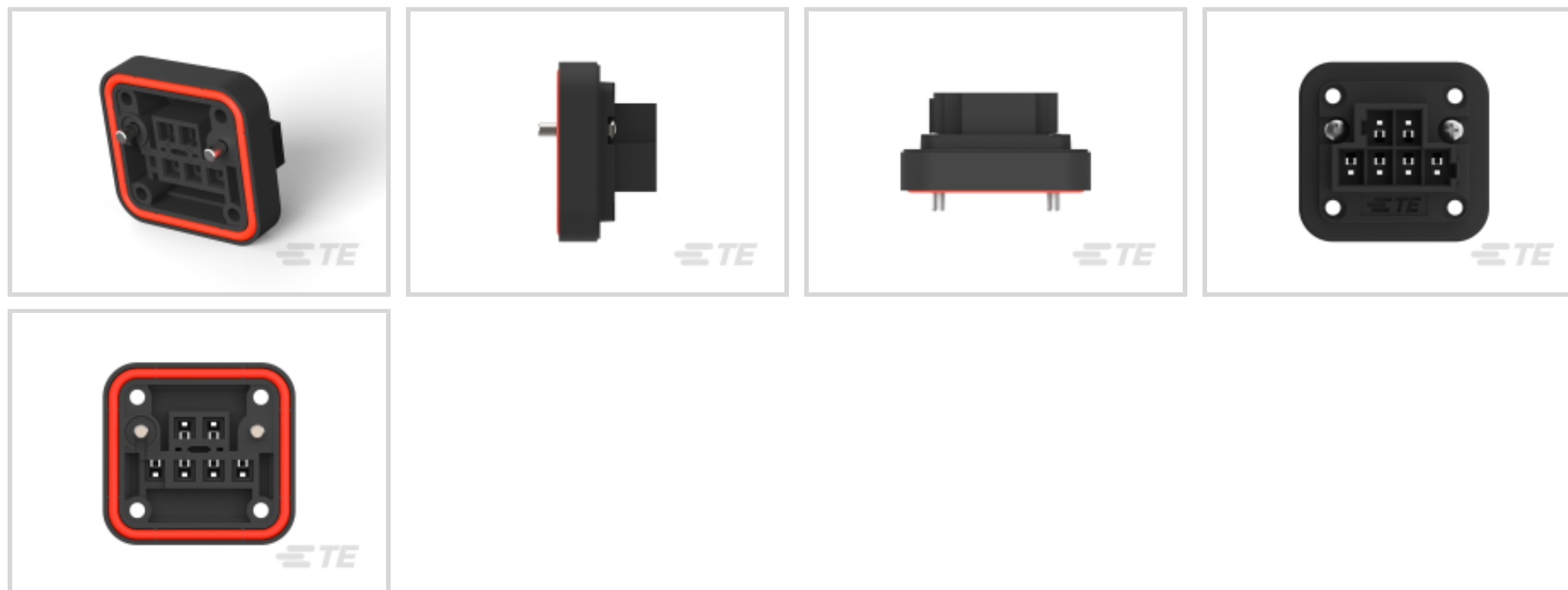
Micro Motor

TE Internal #: 2271280-1

Standard Rectangular Connectors, Housing Assembly, Plug, Mating Retention, Crimp, Wire-to-Motor, Normal, UL 94V-0, 6 Position, 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
Panel Gasket	With

**Electrical Characteristics**

Operating Voltage	48 VDC
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**Contact Features**

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

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Mating Alignment	Without
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Mating Retention	With
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Mating Retention Type	Screw
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Connector Mounting Type	Panel Mount
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### Housing Features

Centerline (Pitch)	2 mm[.079 in]
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### Dimensions

Row-to-Row Spacing	6.9 mm[.272 in]
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### Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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### Operation/Application

Shielded	No
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Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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 # 2271522-1  
SUB ASSEMBLY FOR MMC CABLE W /O TERMINALS




TE Part # 2271284-1  
DUST CAP FOR ENCODER


## Also in the Series | Micro Motor



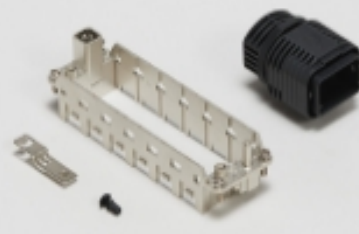
Connector Contacts(1)




Power Contacts(2)




Rectangular Caps & Covers(2)




Rectangular Connector Hardware(1)




Rectangular Connector Housings(1)



Rectangular Power Connectors(3)



Special Purpose Terminals(1)



Standard Rectangular Connectors(4)

## Documents

**Product Drawings**  
SUB ASSEMBLY FOR MMC MOTOR SIDER



English

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**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.

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**Product Specifications**

**Application Specification**

English