

1674320-1 ✓ ACTIVE

Micro Motor

TE Internal #: 1674320-1

Connector Assembly, Receptacle, Wire-to-Motor / Wire-to-Wire, 8 Position, 2 mm [.079 in] Centerline, Micro Motor, Rectangular Power Connectors

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **8**

Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Seal & Plug Type	Wire Rubber Packing
Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Motor, Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Signal Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	10 VAC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	1 A
Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Nickel
Contact Mating Area Plating Material Thickness	.025 μm [.7 μin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
Panel Mount Feature	Without
Mating Retention Type	Screw
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Color	Black
Housing Material	Polyester GF

Dimensions

Connector Height	13 mm[.511 in]
Product Width	23 mm[.9 in]
Product Length	30 mm[1.18 in]
Compatible Insulation Diameter Range	1 – 1.2 mm[.039 – .047 in]
Wire Size	.12 – .3 mm ²
Row-to-Row Spacing	2.4 mm[.094 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Identification Marking



Circuit Identification Feature	Without
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Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

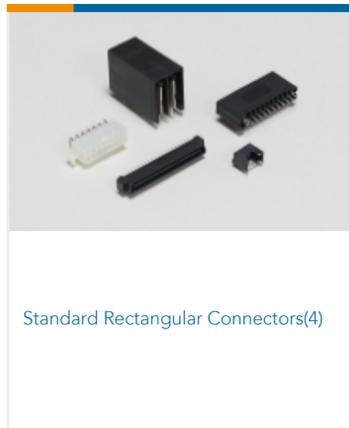
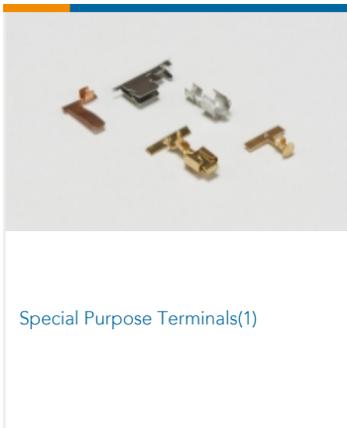
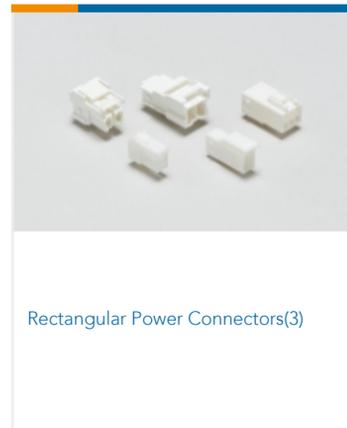
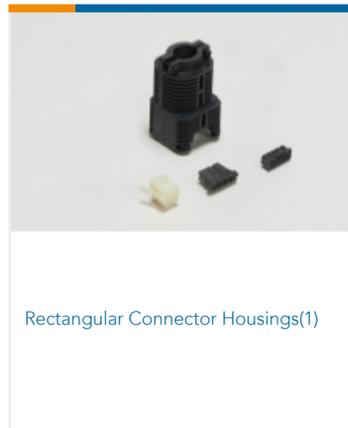
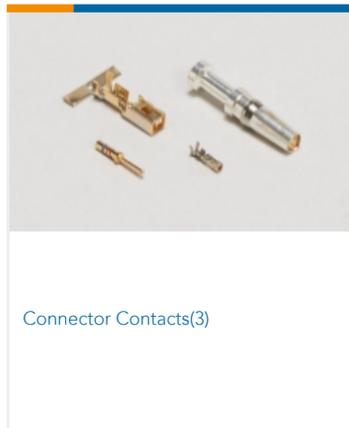
Product Compliance Disclaimer

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



Also in the Series | **Micro Motor**



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1674320-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1674320-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1674320-1_E.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

Instruction Sheets

Instruction Sheet (non U.S.)

English