Micro Motor

TE Internal #: 2174054-1

Housing Assembly, Plug / Receptacle, Mating Retention, Crimp, Wire-to-Motor / Wire-to-Wire, Shielded, Micro Motor, Standard Rectangular Connectors

View on TE.com >



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: Housing Assembly
Connector & Housing Type: Plug, Receptacle

Mating Alignment: Without

Mating Retention: With

Mating Retention Type: Screw

Features

Product Type Features	
Connector Product Type	Housing Assembly
Connector & Housing Type	Plug, Receptacle
Connector System	Wire-to-Motor, Wire-to-Wire
Insertion Force Type	Normal
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	9
Number of Rows	2
Electrical Characteristics	
Operating Voltage	10 VAC
Body Features	
Seal Type	Panel Gasket

Contact Features

Contact Retention Within Housing	With
Contact Current Rating (Max)	1 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	2.4 mm[.09 in]
Usage Conditions	
Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]
Operation/Application	
Shielded	Yes
Circuit Application	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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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



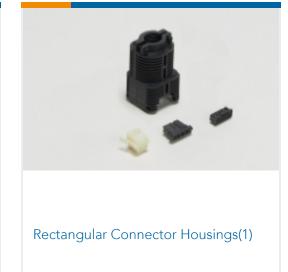
TE Part # 1554877-1
MICRO MOTER CONNECTOR
MAINTENANCE KIT

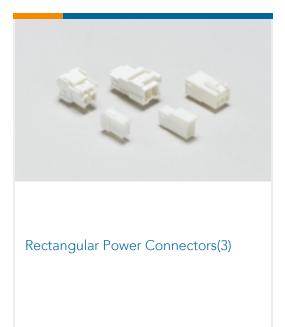
Also in the Series | Micro Motor

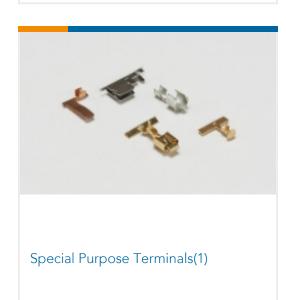


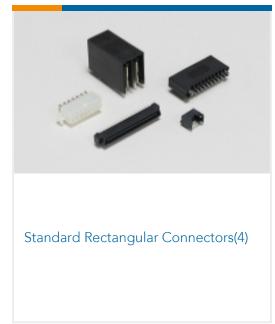


Connector Contacts(3)









Customers Also Bought

09/14/2024 02:42AM | Page 3







TE Part #1-1903128-0
DYNAMIC 1100D TAB HSG 40P P/M



TE Part #178964-3
DYNAMIC D-3 W-T-W TAB HSG 6P









Documents

Product Drawings

ENC. CBL I/O KIT 100SET, M- MOTOR PLUS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2174054-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2174054-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2174054-1_B.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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Housing Assembly, Plug / Receptacle, Mating Retention, Crimp, Wire-to-Motor / Wire-to-Wire, Shielded, Micro Motor, Standard Rectangular Connectors

