



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
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Body Features

Seal Type	Panel Gasket
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Contact Features

Contact Retention Within Housing	With
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Crimp
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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]
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Dimensions

Row-to-Row Spacing	2.4 mm[.09 in]
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Usage Conditions

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

Shielded	Yes
Circuit Application	Signal

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
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 # 2174065-4
REC. CONT. FMG. M-MOTOR PLUS




TE Part # 1554877-1
MICRO MOTOR CONNECTOR
MAINTENANCE KIT

Also in the Series


Micro Motor




Connector Caps & Covers(3)




Connector Contacts(3)




Rectangular Connector Housings(1)



Rectangular Power Connectors(3)



Special Purpose Terminals(1)



Standard Rectangular Connectors(4)

Customers Also Bought



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

