



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 # 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

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Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

