2174054-1 ✔ ACTIVE

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: **Receptacle, Plug**

Mating Alignment: **Without**

Mating Retention: **With**

Mating Retention Type: **Screw**

Features

Product Type Features

Connector Product Type	Housing Assembly
Connector & Housing Type	Receptacle, Plug
Connector System	Wire-to-Motor, Wire-to-Wire
Insertion Force Type	Normal
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Mechanical Attachment

Mating Alignment	Without
Mating Retention	With
Mating Retention Type	Screw
Connector Mounting Type	Panel Mount

Termination Features

Termination Method to Wire & Cable	Crimp

Operation/Application

Shielded	Yes
Circuit Application	Signal

Contact Features

Contact Retention Within Housing	With

Contact Current Rating (Max)	1 A

Industry Standards

UL Flammability Rating	UL 94V-0

Configuration Features

Number of Positions	9
Number of Rows	2

Housing Features

Centerline (Pitch)	2 mm[.079 in]

Electrical Characteristics

Operating Voltage	10 VAC

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Seal Type	Panel Gasket

Dimensions

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

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



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

TE Part # 1554877-1
MICRO MOTER CONNECTOR MAINTENANCE KIT

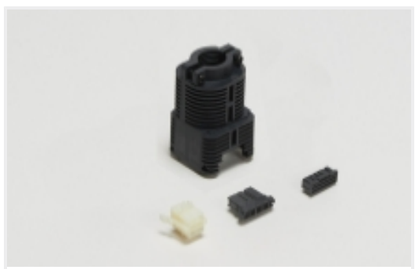
Also in the Series | Micro Motor



Connector Caps & Covers(2)



Connector Contacts(3)



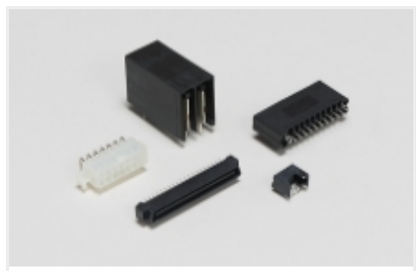
Rectangular Connector Housings(1)



Rectangular Power Connectors(3)



Special Purpose Terminals(1)



Standard Rectangular Connectors(4)

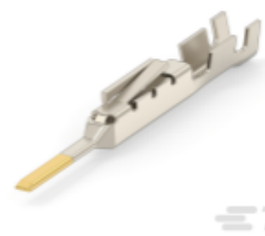
Customers Also Bought



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



TE Part #1-917808-2
DYNAMIC D-5200M TAB HSG 4P X-X



TE Part #1318106-1
Contact: Component To Wire ; 5A, 28-18 wire size, gold plated



TE Part #179938-1
AMP POWER DBL LOCK PLUG HSG 3P



TE Part #2-1717834-4
DYNAMIC 2000 REC HSG 8P Y KEY WITH CUTTI



TE Part #T2070002013-000
CAF-13



TE Part #170359-1
UNIV M-N-L PIN 26-22 AWG

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