



Micro Motor

TE Internal #: 2174053-1

8 Position, Plug / Receptacle, Connector Kit, Crimp, Wire-to-Motor / Wire-to-Wire, Shielded, Gold (Au), Normal, UL 94V-0, Micro Motor

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Kit**

Connector & Housing Type: **Plug, Receptacle**

Mating Alignment: **Without**

Mating Retention: **With**

Mating Retention Type: **Screw**

Features

Product Type Features

Connector Product Type	Connector Kit
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	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	10 VAC
-------------------	--------

Body Features

Seal Type	Panel Gasket
-----------	--------------

Contact Features

--	--



Wire Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material	Gold (Au)
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

TE Part # 1596847-1
SAHT MICRO MOTOR REC 26-22 ASSY

Also in the Series | Micro Motor

Connector Caps & Covers(2)

Connector Contacts(3)

Power Contacts(2)

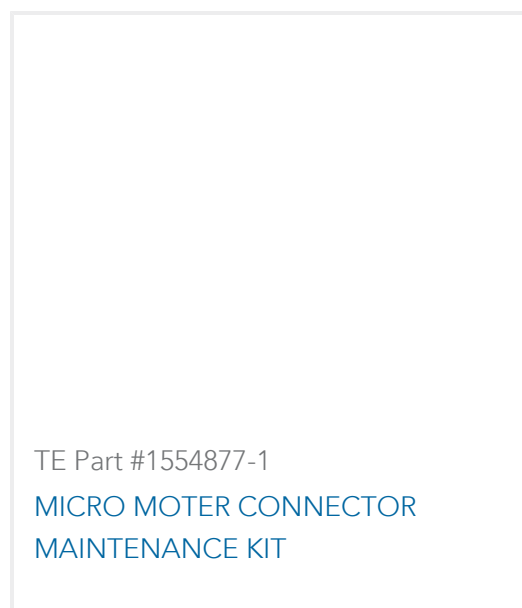
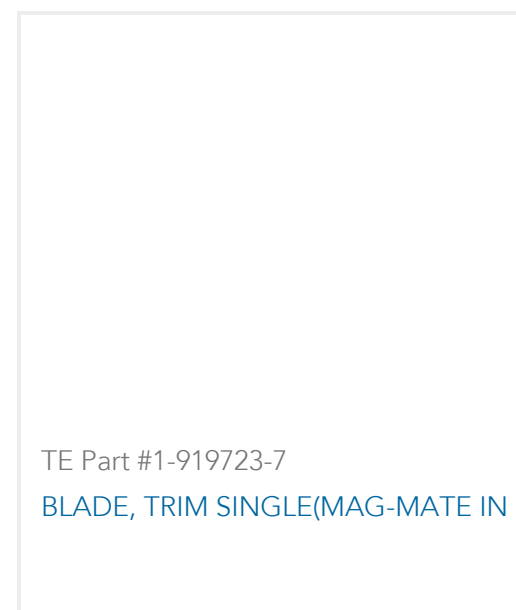
Rectangular Connector Housings(6)

Rectangular Power Connectors(2)

Special Purpose Terminals(1)

Standard Rectangular Connectors(8)

Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2174053-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174053-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174053-1_A.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

Agency Approvals

Agency Approval Document

English