

Micro Motor

TE Internal #: 2174054-1

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

[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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

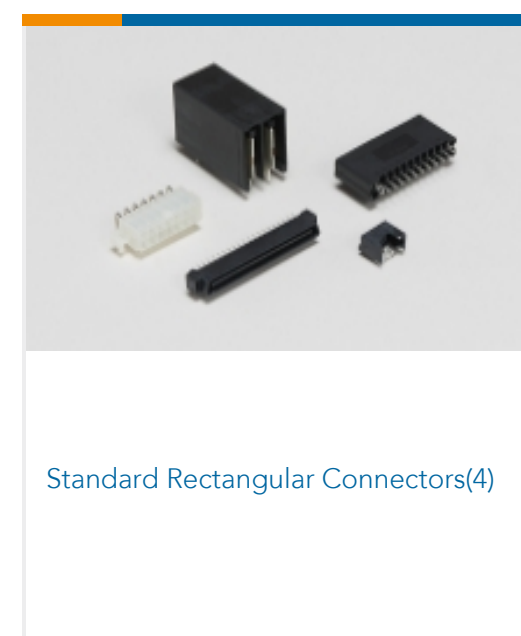
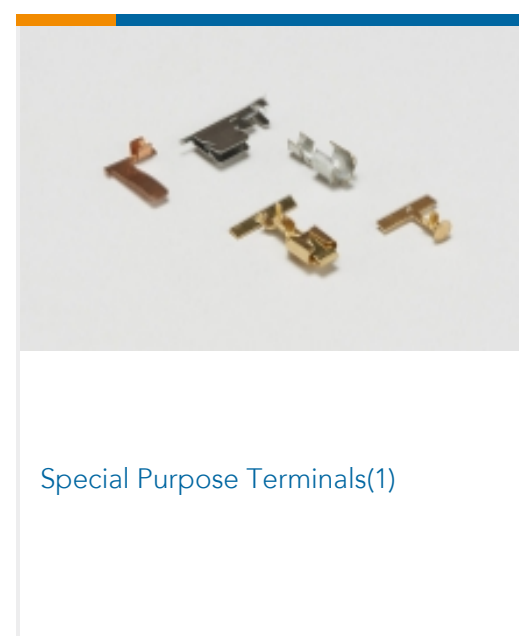
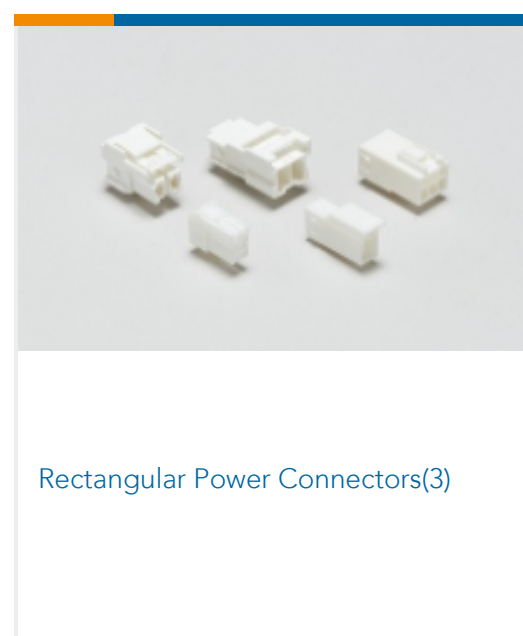
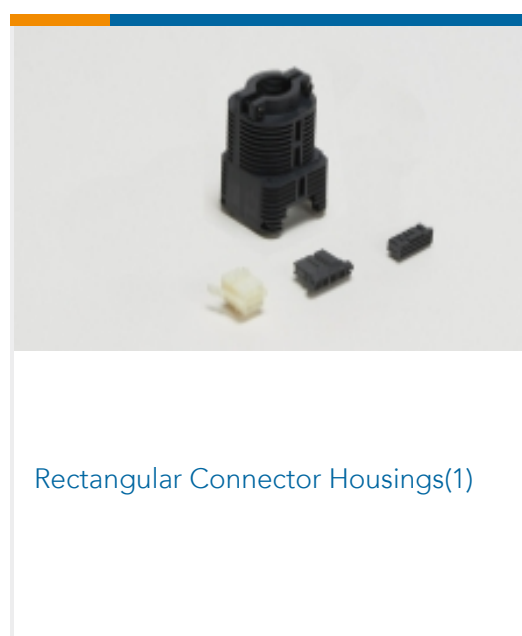
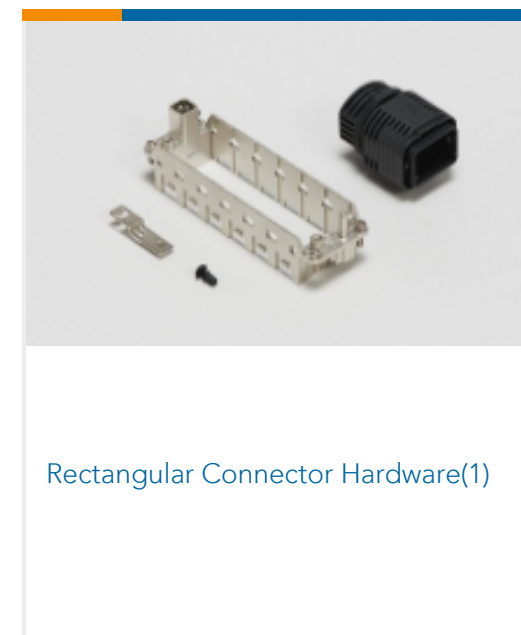
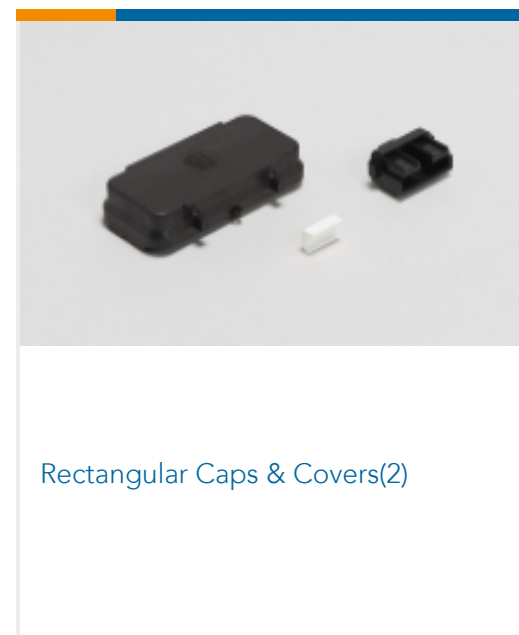
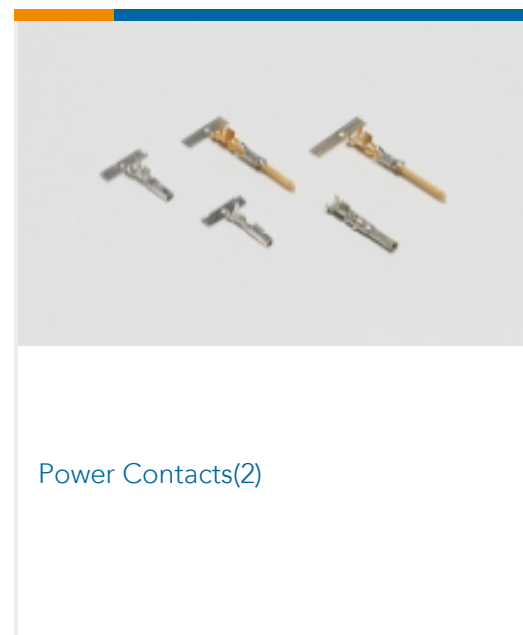
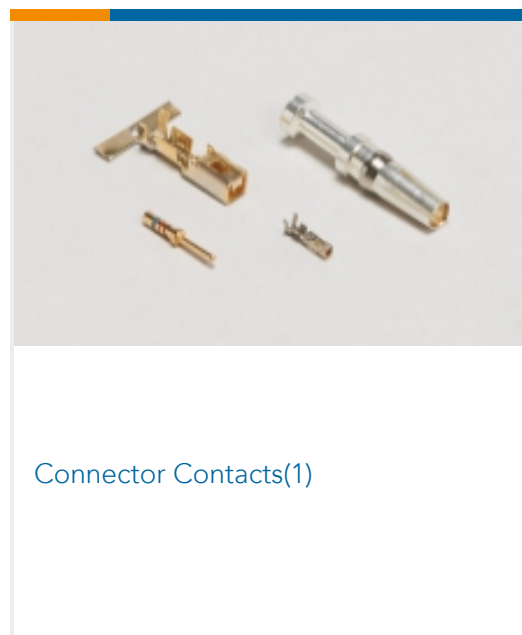
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | Micro Motor



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.

Datasheets & Catalog Pages



[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

Japanese

[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English