



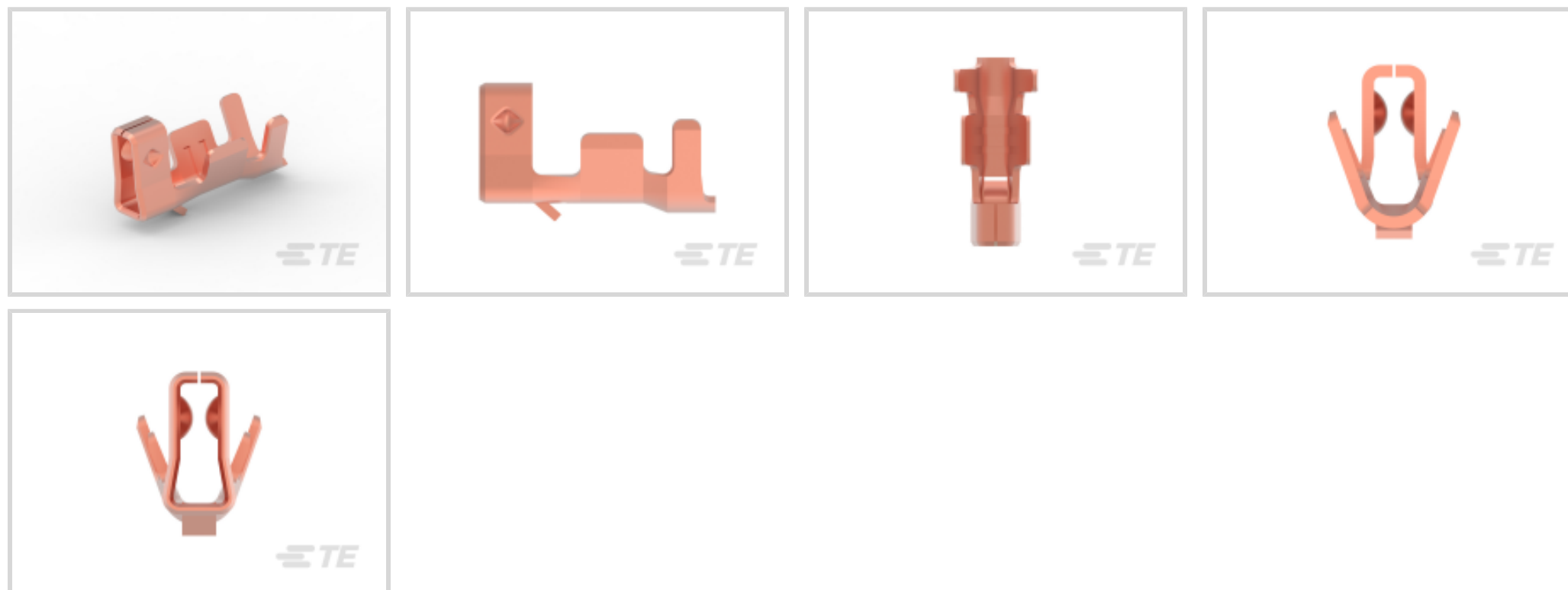
Micro Motor

TE Internal #: 2174065-4

Micro Motor, Connector Contacts, Receptacle, Gold, Nickel, Operating Voltage 100 VAC, Operating Voltage 100 VDC, With Contact Retention Within Housing

[View on TE.com >](#)

Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Nickel**

Operating Voltage: **100 VDC**

Features

Product Type Features

Barrel Type	Open Barrel
Discrete Wire Type	Stranded
Glow Wire Rating	Standard Part - Not Glow Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	100 VDC
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Contact Features

Contact Shape & Form	Rectangular
Contact Underplating Material	Nickel
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold



Wire Contact Termination Area Plating Material	Nickel
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A

Termination Features

Termination End Plating Material	Nickel
Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Motor

Dimensions

Wire Size	26 – 22 AWG
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Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Method	Box
Packaging Quantity	10000

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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Model / Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Model / Part # 2174054-1
ENC. CBL I/O KIT 100SET, M-MOTOR PLUS



TE Model / Part # 2201825-1
ENC. CBL I/O KIT 100SET, M-M + LONG SCREW



TE Model / Part # 2-2266240-1
OCEAN_2.0_APPLICATOR-S-046F044F



TE Model / Part # 2-2266240-2
OCEAN_2.0_APPLICATOR-S-046F044FA



TE Model / Part # 2266240-1
OCEAN_2.0_APPLICATOR-S-046F044F




TE Model / Part # 2266240-2
OCEAN_2.0_APPLICATOR-S-046F044FA




TE Model / Part # 7-2266240-7
OCEAN_2.0_SPARE_PART_KIT-046F044F


Also in the Series | Micro Motor



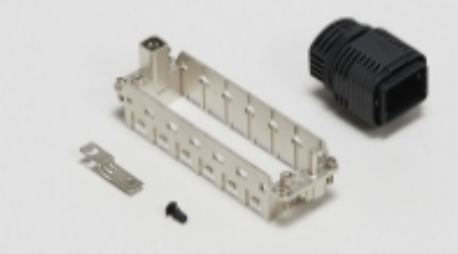
Connector Contacts(1)



Power Contacts(2)



Rectangular Caps & Covers(2)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(1)



Rectangular Power Connectors(3)



Special Purpose Terminals(1)



Standard Rectangular Connectors(4)

Customers Also Bought

TE Model / Part #2174053-1
ENC. CBL I/O KIT, M-MOTOR PLUSTE Model / Part #2174054-1
ENC. CBL I/O KIT 100SET, M-MOTOR PLUSTE Model / Part #1-172161-9
MINI UNIVERSAL M-N-L CAP 9PTE Model / Part #1-172169-9
9 POS TR MINI UNIVTE Model / Part #2201825-1
ENC. CBL I/O KIT 100SET, M-M +
LONG SCREWTE Model / Part #1747053-1
40 P HDR ASSY - V TYPE PC. I/O
CONN.TE Model / Part #1473381-1
PC I/O REC KIT BAG /1PCS.

Documents

Product Drawings

[REC. CONT. FMG. M-MOTOR PLUS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2174065-4_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174065-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174065-4_D.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Datasheets & Catalog Pages

[Micro Motor Connector Overview](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English