2108422-1 ✔ ACTIVE

Micro Motor

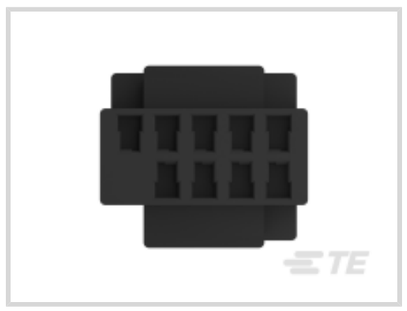
TE Internal #: 2108422-1

9 Position, Receptacle, Housing, Wire-to-Motor / Wire-to-Wire, 2 mm [.078 in] Centerline, 2 Row, Wire & Cable, Signal, Panel Mount, Micro Motor

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors




Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Motor, Wire-to-Wire**

Number of Positions: **9**

Centerline (Pitch): **2 mm [.078 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Motor, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	2

Contact Features

Contact Layout	Matrix
Contact Type	Pin
Contact Current Rating (Max)	1 A

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	2 mm[.078 in]
Housing Material	Nylon 66

Dimensions

Row-to-Row Spacing	2.4 mm[.094 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

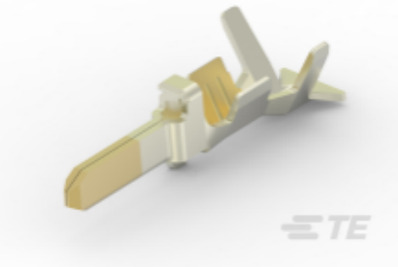
Product Compliance Disclaimer

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 Part # 2108418-1
ENCODER 9P BASE ASSY



TE Part # 2069391-2
1.5VP REMODEL POST CONTACT

Also in the Series | Micro Motor



Connector Caps & Covers(2)



Connector Contacts(3)



Power Contacts(2)



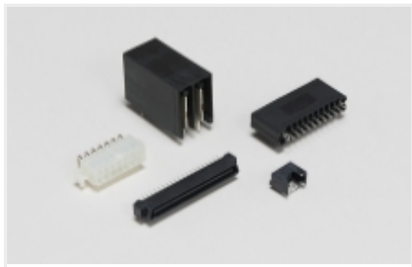
Rectangular Connector Housings(6)



Rectangular Power Connectors(2)

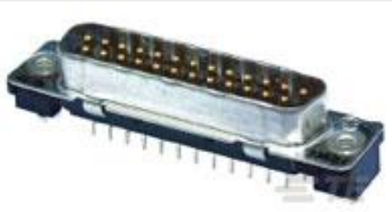


Special Purpose Terminals(1)

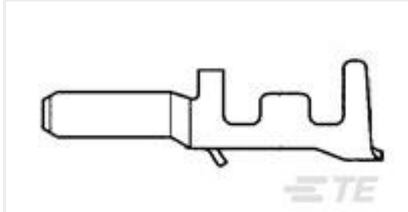


Standard Rectangular Connectors(8)

Customers Also Bought



TE Part #745968-2
25 PLUG SP/FMS STD



TE Part #917571-1
1.5 BTW POST CONTACT



TE Part #1437625-6
PKS90B101/4=KNOB PLASTIC W/SKI



TE Part #2040973-2
1.0VP REMODEL POST CONTACT



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



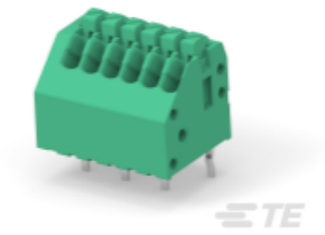
TE Part #2201825-1
ENC.CBL I/O KIT 100SET, M-M + LONG SCREW



TE Part #2271279-2
REC. TERMINAL FOR MMC CONNECTOR



TE Part #2271280-1
SUB ASSEMBLY FOR MMC MOTOR SIDER



TE Part #1-2834021-6
6POS 2.5MM TES CONN.



TE Part #5208009-1
HD-20 PLUG 37P VERT

Documents

Product Drawings

ENCODER 9P BASE ENTRY HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2108422-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2108422-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2108422-1_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

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

Agency Approval Document

English