



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**  
Connector & Housing Type: **Receptacle**  
Mating Alignment: **With**  
Mating Alignment Type: **Polarization**  
Mating Retention: **With**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Seal & Plug Type	Wire Rubber Packing
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Motor, Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	8
Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	10 VAC
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Body Features

Primary Product Color	Black
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Contact Features

Wire Contact Termination Area Plating Material	Nickel
Contact Mating Area Plating Material Thickness	.025 µm[.7 µin]



Multiple Contact Types	Without
Contact Layout	Matrix
Contact Base Material	Phosphor Bronze
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	With
Panel Mount Feature	Without
Contact Retention Type Within Housing	Locking Lance
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Screw
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Row-to-Row Spacing	2.4 mm[.094 in]
Compatible Insulation Diameter Range	1 – 1.2 mm[.039 – .047 in]
Connector Width	23 mm[.9 in]
Connector Height	13 mm[.511 in]
Wire Size	22 – 26 AWG
Connector Length	30 mm[1.18 in]

Usage Conditions

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

Shielded	Yes
Circuit Application	Signal



Identification Marking

Circuit Identification Feature	Without
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

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




TE Part # 1554877-1  
MICRO MOTOR 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



TE Part #CAT-D9934-A83A  
Receptacle and Tab Housing: 5.08 or 10.16 mm pitch, 250-600V



TE Part #2-179552-4  
DYNAMIC D-3200S TAB HSG 4P K/Y



TE Part #1903113-2  
DYNAMIC D1000 TAB CONT AU 0.38 um L REEL



TE Part #175196-2  
DYNAMIC D-3 REC CONT. L AU 0.38





TE Part #1746975-1

GRACE INERTIA CONNECTOR 6.2

MM PITCH 2P P



TE Part #1746971-1

GRACE INERTIA CONNECTOR 6.2

MM PITCH REC



TE Part #917804-3

DYNAMIC D-5 TAB CONT. S L/P



TE Part #2-172132-1

FF 250 PLUG HSG 3P NYLON NAT



TE Part #1473381-1

PC I/O REC KIT BAG /1PCS.

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1674320-1\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1674320-1\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1674320-1\_E.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