2174065-4 ✔ ACTIVE

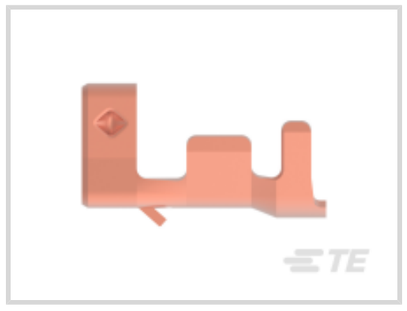
Micro Motor

TE Internal #: 2174065-4

Gold (Au), Receptacle Contact, 26 – 22 AWG, 100 VAC, 100 VDC, .12 – .4 mm² Wire, Locking Lance Contact Retention, Discrete Wire, Crimp, Micro Motor

View on TE.com >

Connectors > Contacts > Connector Contacts




Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **100 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	100 VDC

Contact Features

Contact Shape & Form	Rectangular
Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]
Barrel Type	Open
Contact Mating Area Plating Material Thickness	.2 µm[7.9 µin]
Contact Type	Receptacle

Contact Mating Area Plating Material	Gold (Au)
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 Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1 – 1.2 mm[.106 – .118 in]
Wire Size	.12 – .4 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Reel & 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: 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



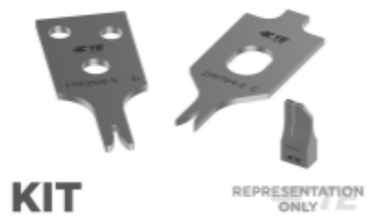
TE Part # 2493753-1
EXTRACTION TOOL



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



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



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



TE Part # 2266240-2
OCEAN_2.0_APPLICATOR-S-046F044F-RSA



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



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

Also in the Series | Micro Motor



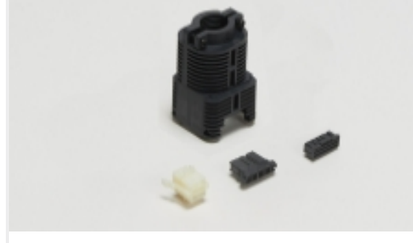
Connector Caps & Covers(2)



Connector Contacts(3)



Power Contacts(2)



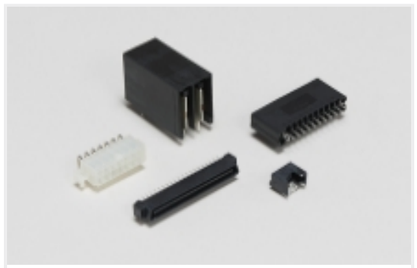
Rectangular Connector Housings(6)



Rectangular Power Connectors(2)

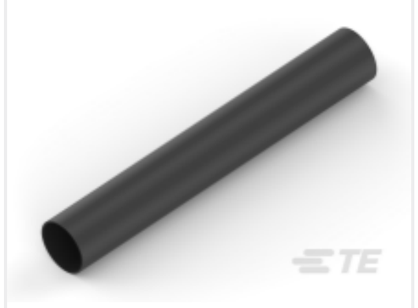


Special Purpose Terminals(1)



Standard Rectangular Connectors(8)

Customers Also Bought



TE Part #CAT-HST-GPO135
GPO-135 Heat Shrink Tubing



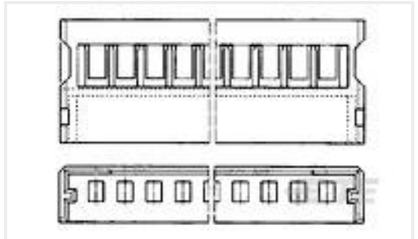
TE Part #1-175196-5
DYNAMIC D-3 REC CONT/L PRE-TIN



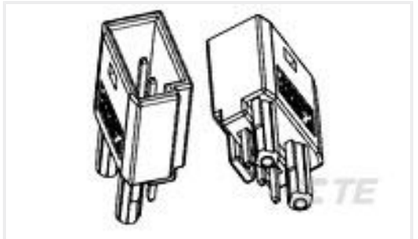
TE Part #178964-6
DYNAMIC 3100D TAB HSG 12P FREE



TE Part #179938-1
AMP POWER DBL LOCK PLUG HSG 3P



TE Part #917572-4
1.5 B-T-W PLUG HSG 4P BLACK



TE Part #1743156-2
3pos MQS .63 header 180deg



TE Part #1-1871465-2
DYNAMIC 1200S REC HSG 2P X BLA



TE Part #2040974-2
PLUG HSG, 1.0VP REMODEL

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

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Product Specifications

Application Specification

English