794612-1 SUPERSEDED

MATE-N-LOK | Micro MATE-N-LOK

TE Internal #: 794612-1

TE Internal Description: PIN CONT 20-24 TIN PLATE L/P

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin-Lead**

Wire Contact Termination Area Plating Material: **Tin-Lead**

Operating Voltage: **250 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	250 VDC

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	.89 – 1.52 mm[.035 – .06 in]
Wire Size	.2 – .5 mm²

Packaging Features

Packaging Method	Bag
Packaging Quantity	2000

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

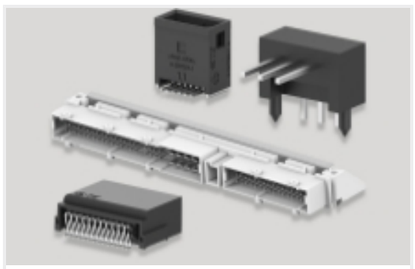
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Also in the Series | Micro MATE-N-LOK



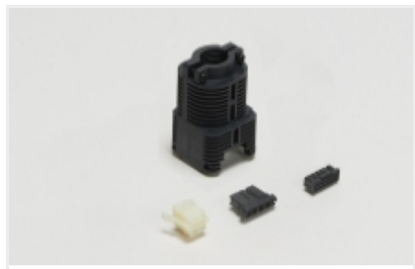
Connector Contacts(27)



PCB Headers & Receptacles(371)



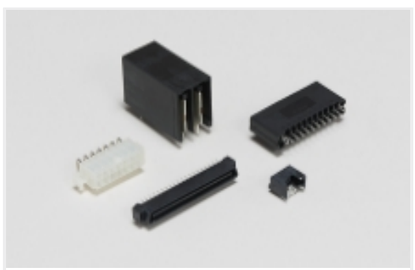
Power Contacts(27)



Rectangular Connector Housings(98)



Rectangular Power Connectors(469)

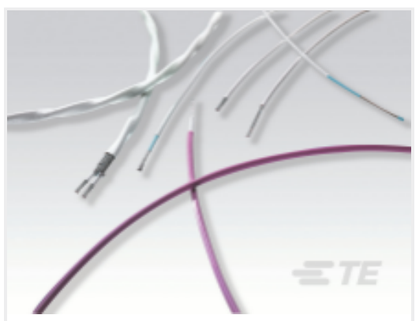


Standard Rectangular Connectors(98)

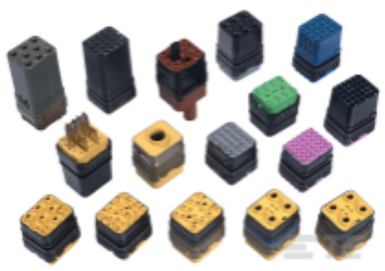


Wire-to-Board Connector Assemblies & Housings(27)

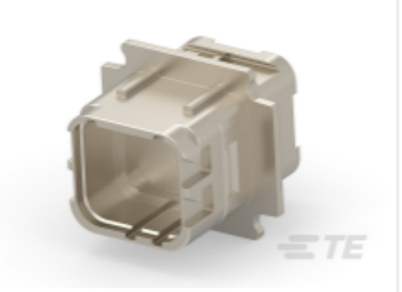
Customers Also Bought



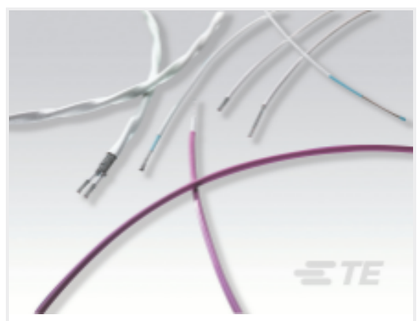
TE Part #2180283001
55A0811-18-2



TE Part #ZPF000000000148762
DMC-M 99-04 AN (=33537-P0000)



TE Part #CAT-DMC-MD-26
Rectangular Connector Receptacle Extenders, Tool-less Assembly



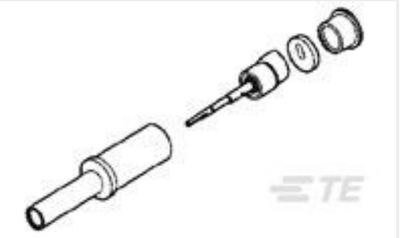
TE Part #2180273001
55A0811-18-0



TE Part #ZPF000000000200230
724-0001-24



TE Part #205162-6
AMPLIMITE,ASY,PLUG,109,1



TE Part #1757624-1
SZ 8 COAX PIN,RG142,HEX CRIMP

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_794612-1_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_794612-1_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_794612-1_C1.2d_dxf.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English