



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

Packaging Features

Packaging Quantity	3136
Packaging Method	Box & Tube

Dimensions

Product Width	25.7 mm[1.01 in]
Product Length	19.95 mm[.78 in]
Connector Height	12 mm[.47 in]
Wire Size	1 – 1.5 mm ²

Electrical Characteristics

Operating Voltage	250 VAC
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Housing Features

Housing Material	PA 6.6
Housing Color	Natural
Centerline (Pitch)	5 mm[.197 in]

Configuration Features

Number of Cavities	3
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Contacts Preloaded	Yes
Number of Positions	3
Number of Rows	1

Industry Standards

Compatible With Agency/Standards Products	UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2

Contact Features

Wire Contact Termination Area Plating Material	Silver
Contact Layout	Inline
Contact Type	Receptacle
Contact Mating Area Plating Material	Silver
Contact Retention Within Housing	With
Contact Current Rating (Max)	16 A

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Operation/Application

Shielded	No
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Circuit Application	Power
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JAN 2022 (223) 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

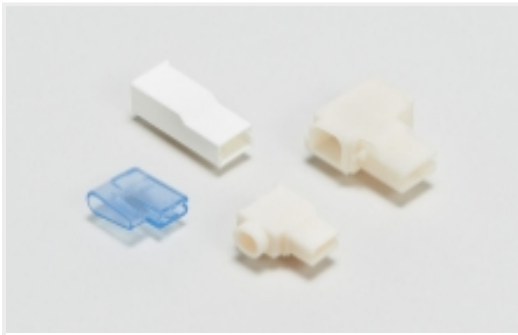
Product Compliance Disclaimer

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>

Also in the Series | RAST 5 IDC Connectors



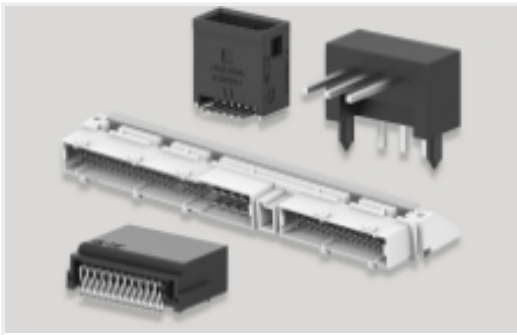
Connector Contacts(14)



Crimp Terminal Housings(39)



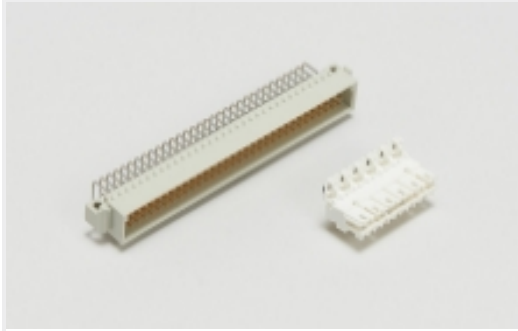
Insertion & Extraction Tools(1)



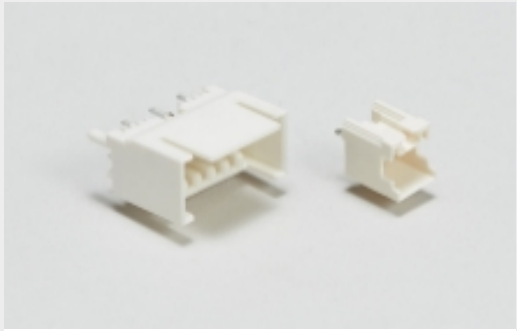
PCB Headers & Receptacles(417)



Power Contacts(5)



Standard Edge Connectors(31)

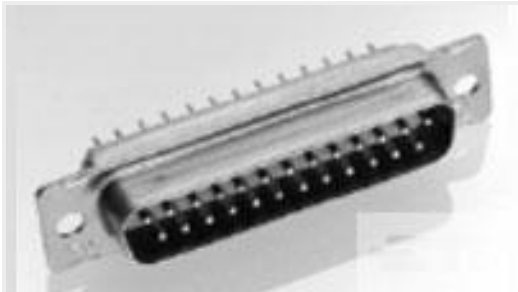


Wire-to-Board Headers & Receptacles (417)

Customers Also Bought



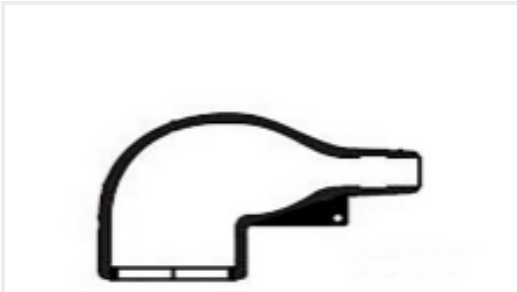
TE Part #1757624-1
SZ 8 COAX PIN, RG142, HEX CRIMP



TE Part #204502-4
RECEPT ASSY, 26 POSN, AMPLIMITE



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



TE Part #EF9981-000
222K121-25L/225-0



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



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

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241171-3_K_c-1241171-3-k.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241171-3_K_c-1241171-3-k.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_1241171-3_K_c-1241171-3-k.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[RAST Connector System Catalog](#)

English

Product Specifications

[Application Specification](#)

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Agency Approvals

[VDE Certificate](#)

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