



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Housing for Female Terminals**
Mating Alignment: **Without**
Mating Retention: **Without**
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Insertion Force Type	High
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Loaded Positions	12
Contacts Preloaded	Yes
Number of Positions	12
Number of Rows	2

Contact Features

Contact Underplating Material	Nickel
Contact Layout	Matrix
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	With
Contact Current Rating (Max)	3 A



Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Connector Height	6.1 mm[.24 in]
Wire Size	26 – 22 AWG
Connector Length	15.24 mm[.6 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
Packaging Quantity	200

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: JAN 2025 (247)



Candidate List Declared Against: JAN 2025 (247)
SVHC > Threshold:
Pb (13% in 4690948374)

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, 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>

Compatible Parts



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL
FRAME

Customers Also Bought



TE Part #2-2176402-0
3540 10K 5%



TE Part #2-2176402-1
3540 12K 5%



TE Part #2-1658527-0
622-1230LF=FSKT IDC S 12 30AU



TE Part #NB-PTCO-002
Pt100, 2.0x2.3, Class B, PTFC101B1G0



Documents

Product Drawings

[12 AMPMODU MT ASSY DR .100CL](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_102694-4_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_102694-4_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_102694-4_P.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English