



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **12**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Applied Pressure	Standard
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	1

Electrical Characteristics

Termination Resistance	15 mΩ
Insulation Resistance	5000 MΩ
Operating Voltage	267 V
Dielectric Withstanding Voltage (Max)	600 VAC

Body Features

Primary Product Color	Black
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Contact Features

Contact Retention Within Housing	With
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PCB Contact Termination Area Plating Material Finish	Bright
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

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

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
Contact Retention Type Within Housing	Locking Lance
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Compatible Insulation Diameter Range	1.37 mm[.054 in]
Connector Height	6.73 mm[.265 in]
Wire Size	26 – 22 AWG
Connector Length	60.96 mm[2.4 in]

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	CSA LR7189, UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire



Packaging Features

Packaging Quantity	18
Packaging Method	Tube

Product Compliance

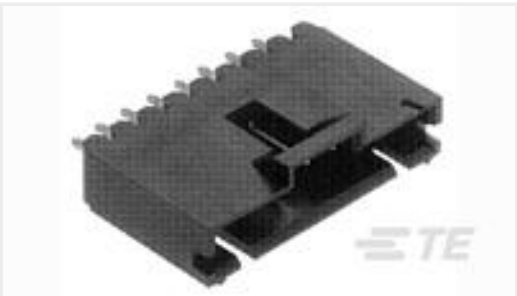
For compliance documentation, visit the product page on TE.com>

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	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 # 1-103735-1
12 MTE HDR SRST LATCH .100CL



TE Part # 1-103906-1
12 MTE HDR SRRA LATCH .100CL



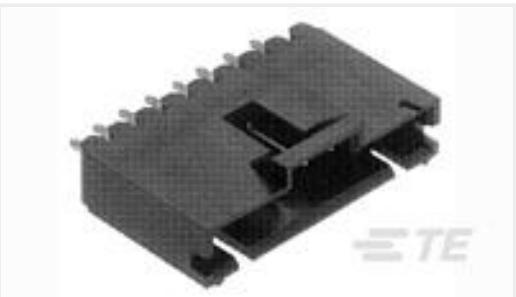
TE Part # 58336-1
HEAD (IDC) MODU MTE WITHOUT TOOL FRAME



TE Part # 6-104935-1
11 MTE HDR SRRA LTCH.100CL LF



TE Part # 1-103904-1
12 MTE HDR SRRA LATCH W/HLDWN



TE Part # 1-103908-1
12 MTE HDR SRST LATCH W/HLDWN

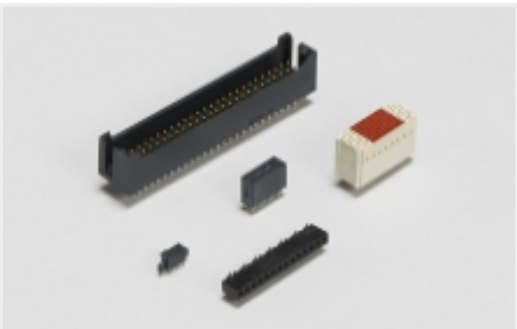


TE Part # 843477-1
TOOL, EXTRACTION RESET



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

Also in the Series | AMPMODU MTE



Board-to-Board Headers & Receptacles(24)



Connector Caps & Covers(18)



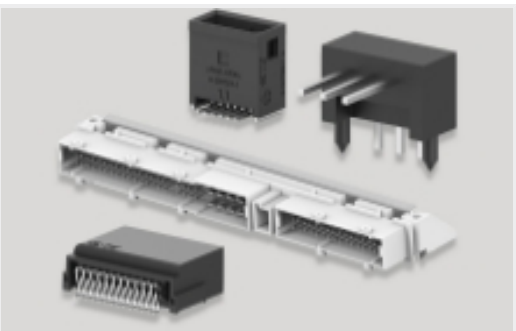
Connector Contacts(27)



Connector Hardware(1)



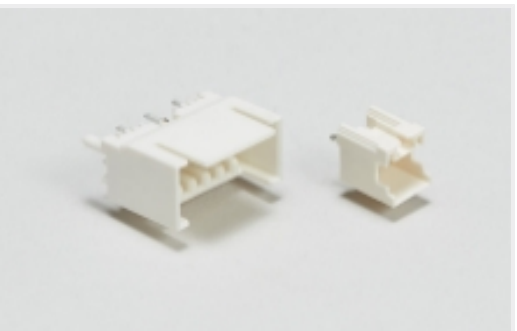
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)



Wire-to-Board Connector Assemblies & Housings(298)



Wire-to-Board Headers & Receptacles (420)

Customers Also Bought



TE Part #5-103673-5
6 MTE HDR SRRA LATCH W/HLDWN



TE Part #1658621-5
24 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #1658621-3
16 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #8-188275-4
MICRO-MATCH SMD FTE





TE Part #T4111001081-000
M12,MALE,STRAIGHT,A CODE,8P,
PG7,GOLD



TE Part #6-103958-1
2X12 MTE RCPT SR LATCH .100CL



TE Part #2205065-3
CA MICRO-MATCH MOW-MOW
14POS



TE Part #5-103957-3
5X4 MTE RCPT SR LATCH .100CL
14POS



TE Part #5-104363-4
05 MTE HDR SRST LATCH .100CL



TE Part #5-103904-3
4 MTE HDR SRRA LATCH W/HLDWN

Documents

Product Drawings

2X12 MTE RCPT SR LATCH .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-103958-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-103958-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_1-103958-1_P.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

1-103958-1

Connector Assembly, Receptacle, Wire-to-Board, 12 Position, 2.54 mm [.1 in]
Centerline, Crimp / Insulation Displacement (IDC), 1 Row, AMPMODU MTE



English