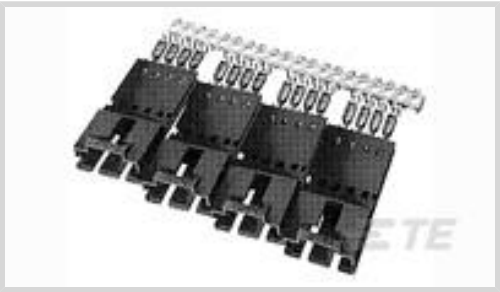




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **10**

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

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	1

Electrical Characteristics

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

Body Features

Primary Product Color	Black
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Contact Features

Contact Layout	Inline
Contact Base Material	Phosphor Bronze



PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
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	With
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	.66 mm[.26 in]
Wire Size	26 – 22 AWG
Connector Length	5.56 mm[2.19 in]
Row-to-Row Spacing	2.54 mm[.1 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 Method	Tube
Packaging Quantity	2



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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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>

Compatible Parts



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

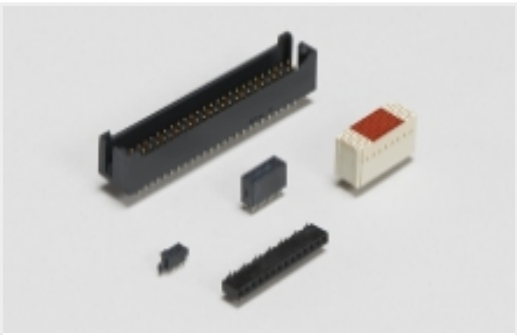


TE Part # 843477-1
TOOL, EXTRACTION RESET



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

Also in the Series | AMPMODU MTE



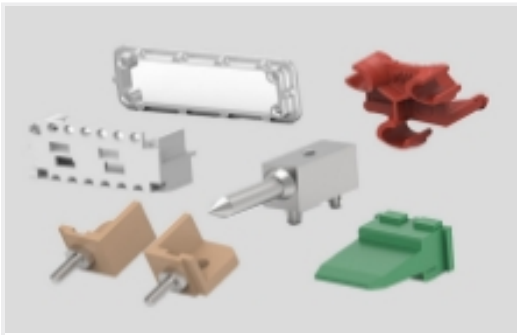
Board-to-Board Headers & Receptacles(24)



Connector Caps & Covers(18)



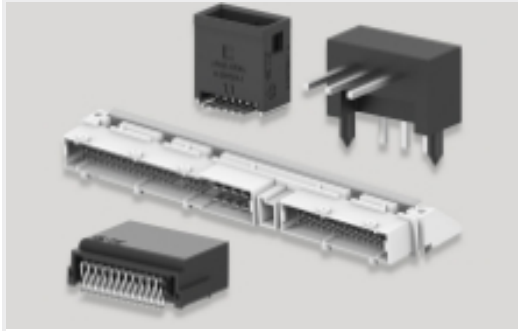
Connector Contacts(27)



Connector Hardware(1)



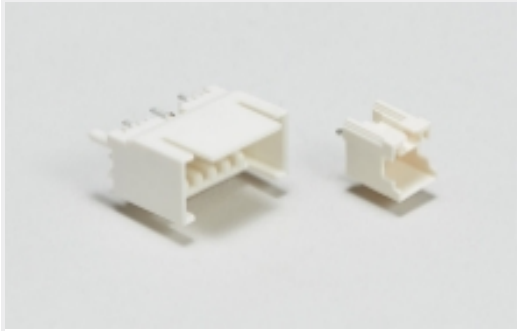
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)

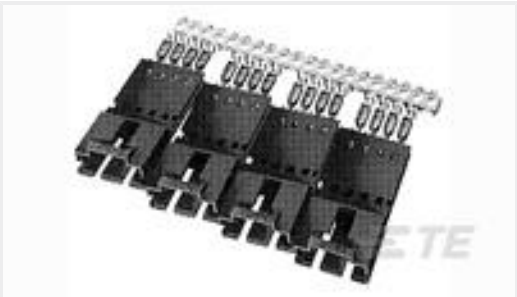


Wire-to-Board Connector Assemblies & Housings(298)

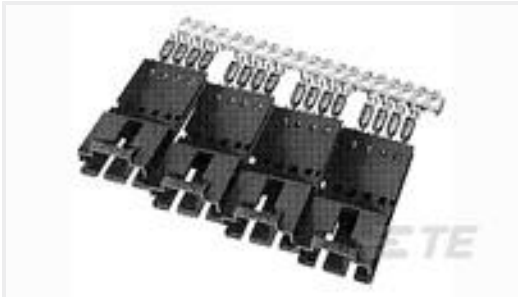


Wire-to-Board Headers & Receptacles (420)

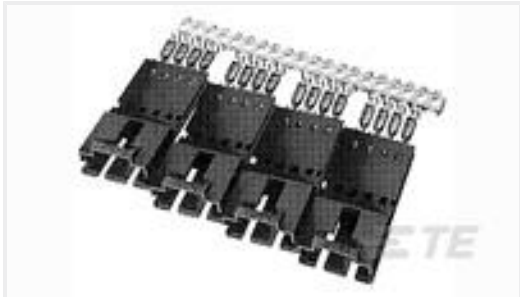
Customers Also Bought



TE Part #5-103946-9
2X10 MTE SHRD PIN SR POL .100



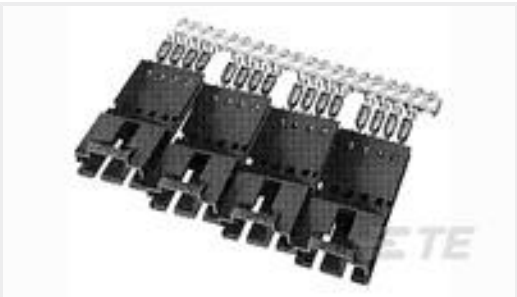
TE Part #5-103944-2
5X3 MTE SHRD PIN SR POL .100



TE Part #5-103945-6
3X7 MTE SHRD PIN SR LATCH .100



TE Part #5-103957-9
2X10 MTE RCPT SR LATCH .100CL



TE Part #5-103944-4
4X5 MTE SHRD PIN SR POL .100CL



TE Part #7-1879235-7
SMW5 150R 1%



TE Part #2-520183-2
ULTRA-FAST 250 ASY REC 22-18 TPBR



TE Part #5-103946-7
2X8 MTE SHRD PIN SR POL .100CL



TE Part #5-103956-2
8X3 MTE RCPT SR LATCH .100CL



TE Part #1-103956-5
4X5 MTE RCPT SR LATCH .100CL

Documents



Product Drawings

2X10 MTE SHRD PIN SR LTCH .100

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-103945-9_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-103945-9_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-103945-9_R.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMP MODU MTE Section of Catalog 1307819

English

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English