



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: 8

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

Features

Electrical Characteristics

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

Industry Standards

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

Packaging Features

Packaging Quantity	26
Packaging Method	Tube

Dimensions

Compatible Insulation Diameter Range	1.37 mm[.054 in]
Connector Height	6.73 mm[.265 in]
Wire Size	26 – 22 AWG
Connector Length	40.64 mm[1.6 in]

Contact Features

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

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]

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	8
Number of Rows	1

Body Features

Primary Product Color	Black
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Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)
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Usage Conditions



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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

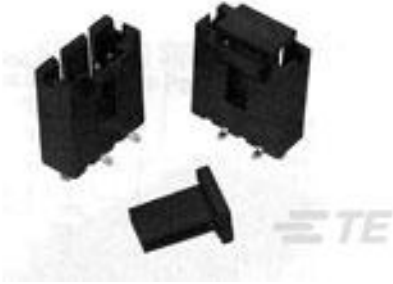
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

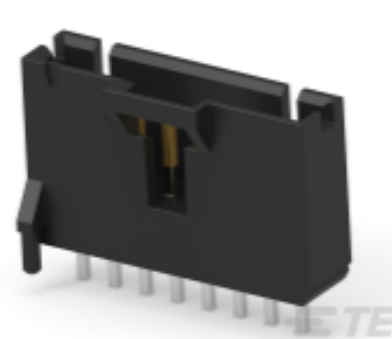
Product Compliance Disclaimer

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



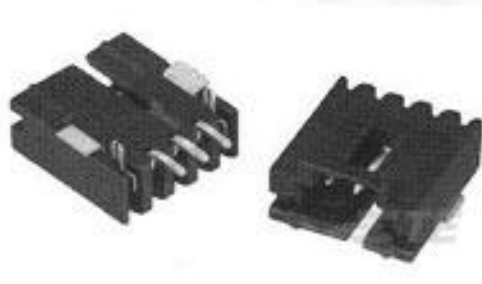
TE Part # 5-1375582-7
08 MTE VERTICAL SMT HDR 15 AU



TE Part # 5-104809-7
08 MTE HDR SRST LATCH W/HLDWN



TE Part # 58336-1
HEAD (IDC) MODU MTE W/O TL



TE Part # 5-147278-7
08 MTE HDR SRRA SFMNT .100CL



TE Part # 5-104361-7
08 MTE HDR SRRA LATCH W/HLDWN



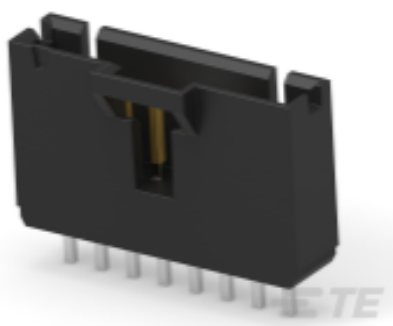
TE Part # 5-104363-7
08 MTE HDR SRST LATCH .100CL



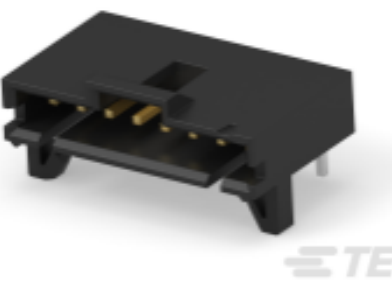
TE Part # 843477-1
TOOL, EXTRACTION RESET



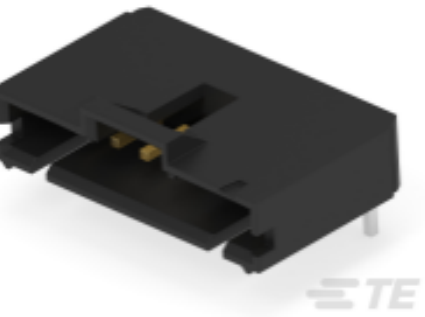
TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 5-104362-7
08 MTE HDR SRST LATCH W/HLDWN

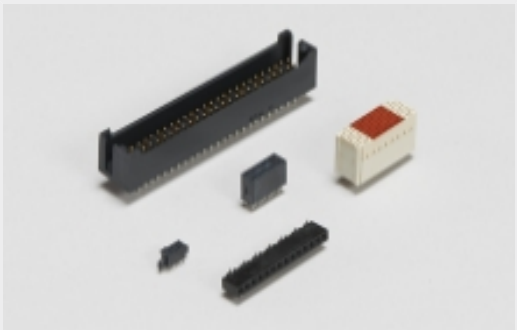


TE Part # 5-103673-7
8 MTE HDR SRRA LATCH W/HLDWN



TE Part # 5-103635-7
08 MTE HDR SRRA LTCH.100CL LF

Also in the Series | [AMPMODU MTE](#)



Board-to-Board Headers & Receptacles(24)



Connector Caps & Covers(18)



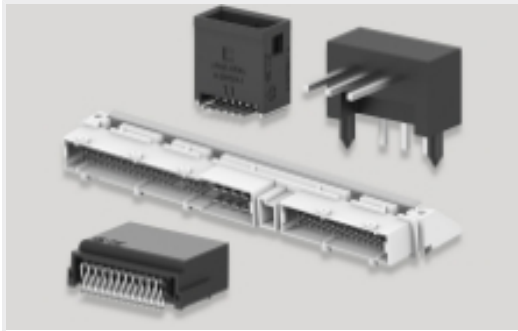
Connector Contacts(27)



Connector Hardware(1)



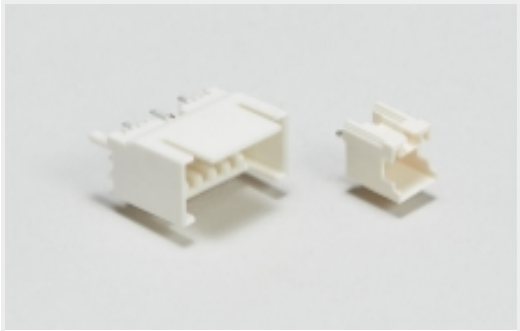
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)



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



Wire-to-Board Headers & Receptacles (420)

Customers Also Bought



TE Part #2-1618409-1
K1K06X024EAFA = CONTACTOR,
SPST-NO



TE Part #1-1879234-8
SMF5 2K7 5%



TE Part #1-2071582-2
ECP600BHBADB



TE Part #103945-2
5X3 MTE SHRD PIN SR LATCH .100



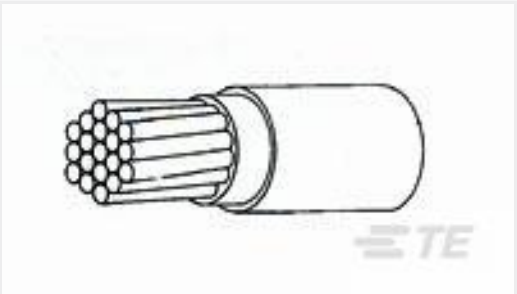
TE Part #103957-4
4X5 MTE RCPT SR LATCH .100CL



TE Part #5-2176094-0
RP 2A 0.25W 392K 0.1% 25PPM 1K RL



TE Part #2-1676913-4
YR1 0.1% 1K91



TE Part #282032-011
44A0111-22-2



TE Part #5-103957-2
8X3 MTE RCPT SR LATCH .100CL



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

Documents

Product Drawings

2X8 MTE RCPT SR LATCH .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5-103957-7_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_5-103957-7_N.3d_igs.zip

English

Customer View Model

ENG_CVM_5-103957-7_N.3d_stp.zip

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_5-103957-7_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-103957-7_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-103957-7_P.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