5-103959-4 ✔ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 5-103959-4

Connector Assembly, Receptacle, Wire-to-Board, 5 Position, 2.54 mm [.1 in] Centerline, Crimp / Insulation Displacement (IDC), 1 Row, AMPMODU MTE

View on TE.com >

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: **5**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	5
Number of Rows	1

Housing Features

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

Termination Features

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

Body Features

Primary Product Color	Black

Mechanical Attachment

Mating Retention	With

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

Contact Features

Contact Current Rating (Max)	3 A
Contact Retention Within Housing	With
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

Operation/Application

Circuit Application	Signal

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

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

Dimensions

Compatible Insulation Diameter Range	1.37 mm[.054 in]
Connector Height	6.73 mm[.265 in]
Wire Size	30 – 26 AWG
Connector Length	50.55 mm[1.99 in]

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	44
Packaging Method	Tube

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

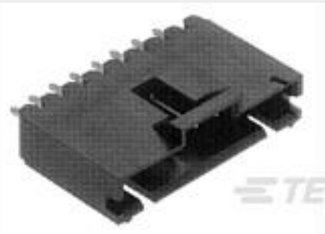
Compatible Parts



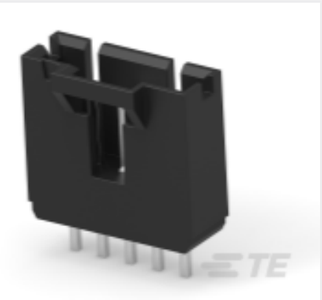
TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



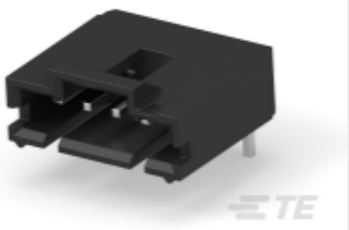
TE Part # 843477-1
TOOL, EXTRACTION RESET



TE Part # 5-103639-4
05 MTE HDR SRST LATCH .100CL



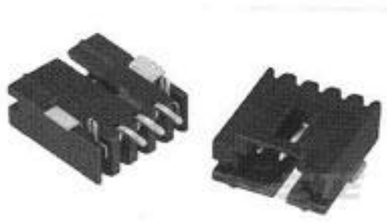
TE Part # 5-103669-4
05 MTE HDR SRST LATCH W/HLDWN



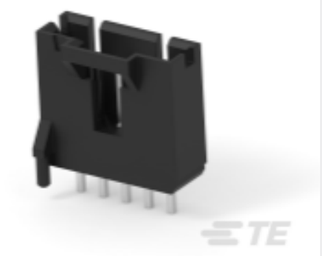
TE Part # 5-103634-4
05 MTE HDR SRRA LATCH.100CL LF



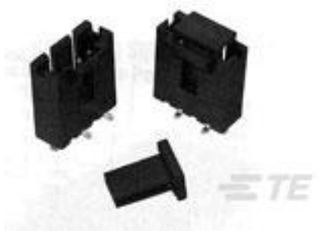
TE Part # 58336-1
HEAD (IDC) MODU MTE W/O TL



TE Part # 5-147324-4
05 MTE HDR SRRA SMT.100CL



TE Part # 5-104450-4
05 MTE HDR SRST LATCH W/HLDWN



TE Part # 5-1375549-4
05 MTE VERT SMT HDR FULL LF-PB



TE Part # 5-103672-4
05 MTE HDR SRRA LATCH W/HLDWN

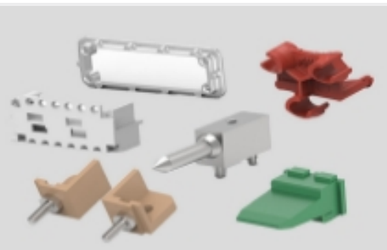
Also in the Series | AMPMODU MTE



Connector Caps & Covers(18)



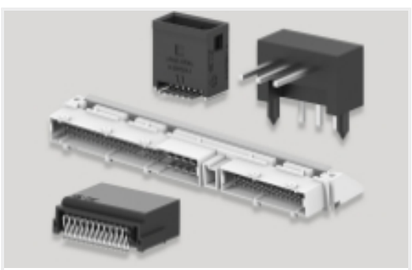
Connector Contacts(27)



Connector Hardware(1)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)



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

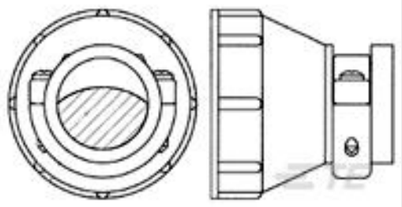
Customers Also Bought



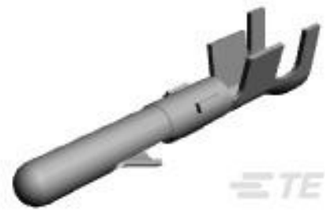
TE Part #179227-1
CRIMP TYPE II REC CONTACT



TE Part #487406-3
FFC RCPT CONT SP 50AU RL



TE Part #182663-1
13 SIZE CPC STD CLAMP



TE Part #60618-1
CMNL PIN PTPBR L/P



TE Part #5-103959-1
10X2 MTE RCPT SR LATCH .100CL



TE Part #5-103948-2
5X3 MTE SHRD PIN SR LATCH .100



TE Part #5-103945-4
4X5 MTE SHRD PIN SR LATCH .100

TE Part #1SNA176667R0400
BJMI6-10

TE Part #80536-000
LS803-51 LIQUID LEVEL SENSOR

Documents

Product Drawings

4X5 MTE RCPT SR LATCH .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5-103959-4_M.3d_igs.zip

English

Customer View Model

ENG_CVM_5-103959-4_M.3d_stp.zip

English

Customer View Model

ENG_CVM_5-103959-4_M.2d_dxf.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