8X3 MTE RCPT SR LATCH .100CL ✔ ACTIVE

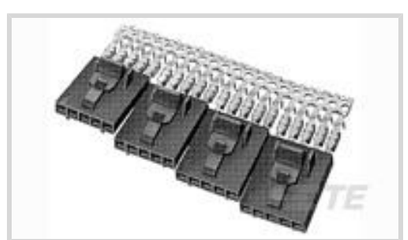
AMPMODU | AMPMODU MTE

TE Part # 5-103956-2

TE Internal #: 5-103956-2

View on TE.com >

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



Number of Positions: **3**

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

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

Number of Rows: **1**

Row-to-Row Spacing: **2.54 mm [.1 in]**

Features

Product Type Features

Applied Pressure	Standard
Row-to-Row Spacing	2.54 mm[.1 in]
Connector & Contact Terminates To	Wire & Cable
Product Type	Connector
Connector Style	Receptacle
Connector Type	Housing
Strain Relief	With
Glow Wire Rating	Standard Part - Not Glow Wire

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

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

Contact Features

Contact Layout	Inline
PCB Contact Termination Area Plating Material	Tin

Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A
Contact Type	Socket

Termination Features

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

Mechanical Attachment

Lock Type	Latch
Mating Connector Lock	With
Panel Mount Feature	Without
Mating Connector Lock Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Latch
Mating Alignment	With
Mating Alignment Type	Latch

Housing Features

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

Dimensions

Wire Size	.12 – .4 mm^2
Height	5.08 mm[.2 in]
Insulation Diameter	1.37 mm[.054 in]
Length	60.96 mm[2.4 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C

Operation/Application

For Use With	Mates with Headers

Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	72
Packaging Method	Tube

Other

Comment	Maximum insulation diameter is 1.14 [.045] for Pneumatic Terminators., Ribbon Cable Notched handles 22-28 AWG

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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



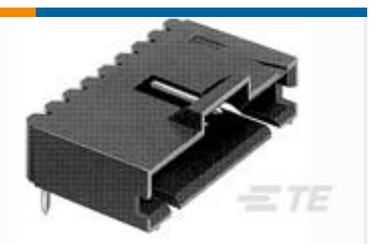
TE Part # 58074-1
MANUAL HANDLE W/O HEAD



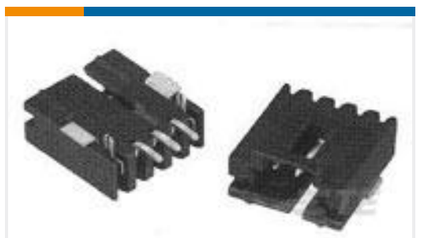
TE Part # 58336-1
HEAD (IDC) MODU MTE W /O TL



TE Part # 5-104450-2
03 MTE HDR SRST LATCH W/HLDWN



TE Part # 5-103634-2
03 MTE HDR SRRA LATCH. 100CL LF



TE Part # 5-147324-2
03 MTE HDR SRRA SMT. 100CL



TE Part # 5-103669-2
03 MTE HDR SRST LATCH W/HLDWN



TE Part # 5-103639-2
03 MTE HDR SRST LATCH . 100CL



TE Part # 843477-1
TOOL, EXTRACTION RESET



TE Part # 5-103672-2
03 MTE HDR SRRA LATCH W/HLDWN



TE Part # 5-1375549-2
03 MTE VERT SMT HDR FULL LF-PB

Also in the Series | AMPMODU MTE



Multiple Configuration PCB Headers & Receptacles(7)



PCB Connector Shrouds (40)



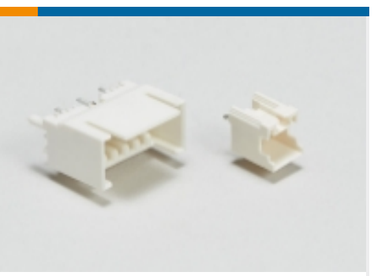
Ribbon Connector Accessories(1)



Wire-to-Board Connector Contacts(32)



Wire-to-Board Connector Housings(594)

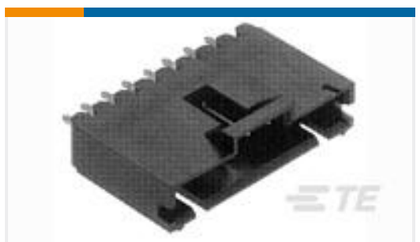


Wire-to-Board Headers & Receptacles(730)

Customers Also Bought



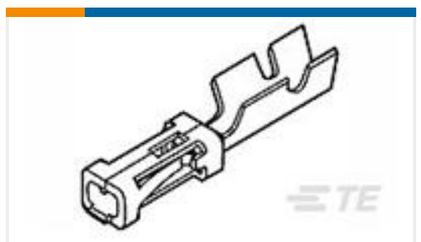
TE Part #5-103956-1
10X2 MTE RCPT SR LATCH .100CL



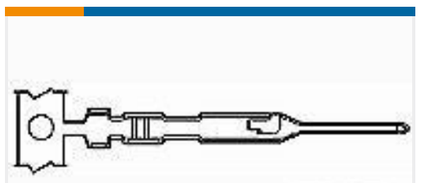
TE Part #5-103669-3
04 MTE HDR SRST LATCH W/HLDWN



TE Part #5-103956-3
5X4 MTE RCPT SR LATCH .100CL



TE Part #87809-1
MOD V RECP PLTD 30 AU



TE Part #5-104505-6
MTE PIN 22-26 AWG PLTD



TE Part #103638-2
03 MTE HDR SRST LATCH .100CL



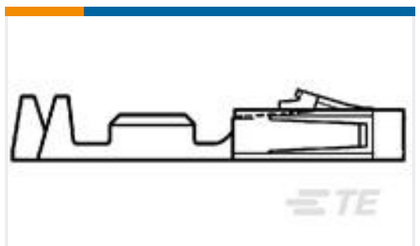
TE Part #5-103944-2
5X3 MTE SHRD PIN SR POL .100



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



TE Part #5-103634-2
03 MTE HDR SRRA LATCH. 100CL LF



TE Part #1-104481-1
SHORT POINT CONT 30 DPLX STMPD LF

Documents

Product Drawings

8X3 MTE RCPT SR LATCH .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5-103956-2_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_5-103956-2_P.3d_igs.zip

English

Customer View Model

ENG_CVM_5-103956-2_P.3d_stp.zip

English

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMP MODU MTE Section of Catalog 1307819

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English