

BACA-AMP-18

✓ ACTIVE

AMPMODU | AMPMODU MTE

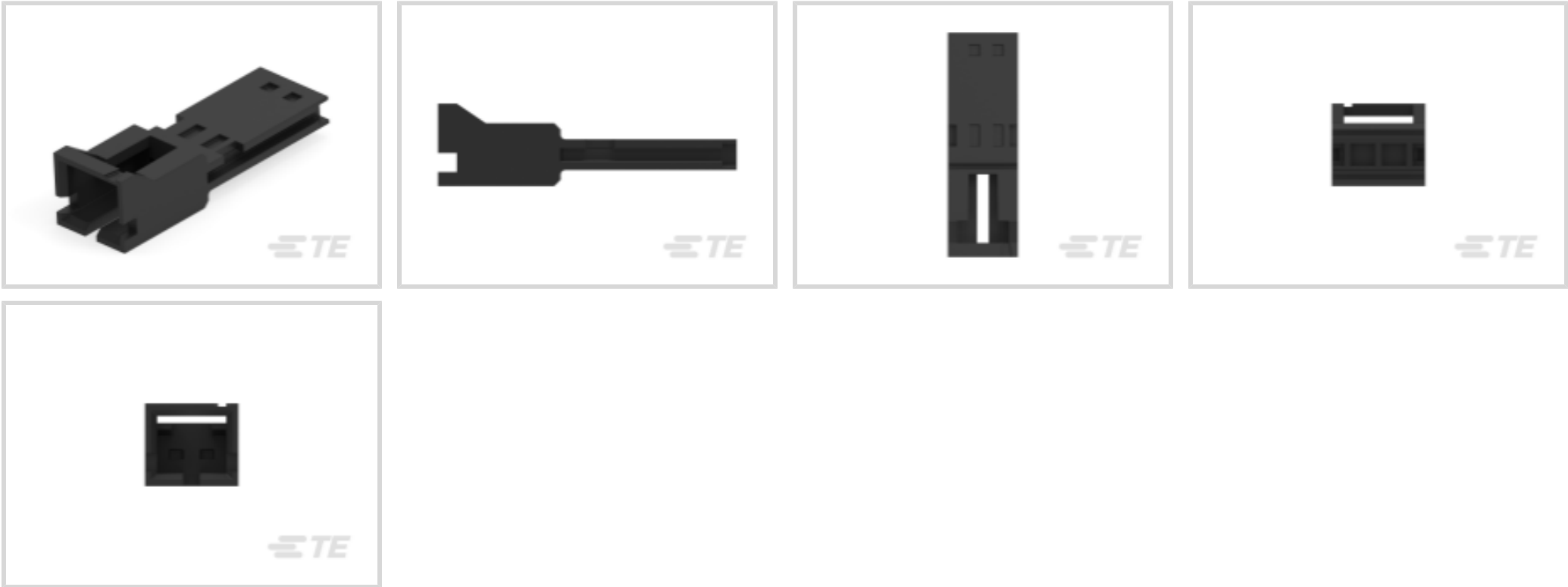
TE Internal #: 103653-1

Housing, Plug, Wire-to-Board, 2 Position, 2.54 mm [.1 in]  
Centerline, Crimp / Insulation Displacement (IDC), 1 Row, Black,  
Wire & Cable, AMPMODU MTE

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



Connector Product Type: **Housing**  
Connector & Housing Type: **Plug**  
Connector System: **Wire-to-Board**  
Number of Positions: **2**  
Centerline (Pitch): **2.54 mm [.1 in ]**

Features

Product Type Features

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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows      | 1 |

Electrical Characteristics

|                                       |            |
|---------------------------------------|------------|
| Operating Voltage                     | 250 VAC    |
| Insulation Resistance                 | 5000 MΩ    |
| Dielectric Withstanding Voltage (Max) | 600 VACrms |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|



Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Layout               | Inline          |
| Contact Base Material        | Phosphor Bronze |
| Contact Type                 | Receptacle      |
| Contact Current Rating (Max) | 3 A             |

Termination Features

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

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Strain Relief           | Without                    |
| Mating Retention Type   | Detent Latching            |
| 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   | 6.6 mm[.26 in]  |
| Connector Length   | 7.49 mm[.29 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in]  |

Usage Conditions

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

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-0                      |
| Glow Wire Rating       | Standard Part - Not Glow Wire |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Method   | Bag |
| Packaging Quantity | 500 |

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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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 # 5-103958-1  
10X2 MTE RPT SR LATCH .100CL



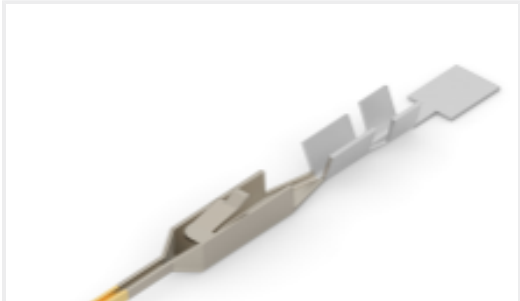
TE Part # 5-104506-4  
MTE PIN 28-32 AWG PLTD



TE Part # 5-104505-4  
MTE PIN 22-26 AWG PLTD



TE Part # 104257-1  
02 MTE RCPT HSG SR LATCH .100

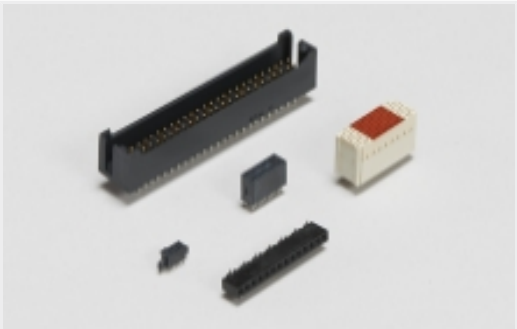


TE Part # 5-104505-2  
MTE PIN 22-26 AWG PLTD



TE Part # 843477-1  
TOOL, EXTRACTION RESET

Also in the Series | AMPMODU MTE



Board-to-Board Headers & Receptacles(24)



Connector Caps & Covers(18)



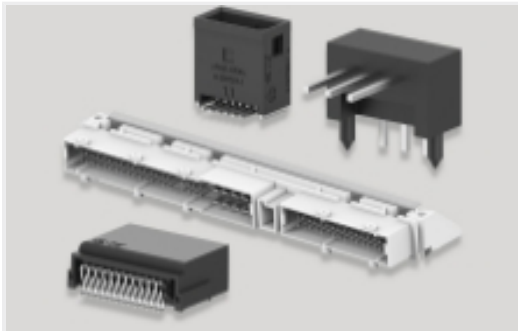
Connector Contacts(27)



Connector Hardware(1)



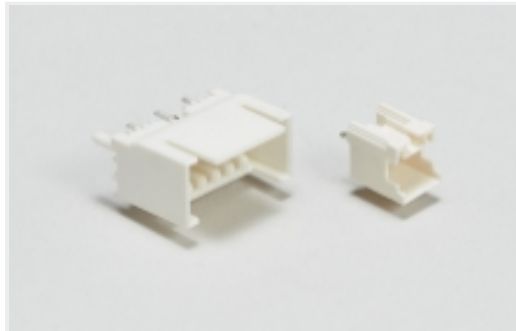
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)

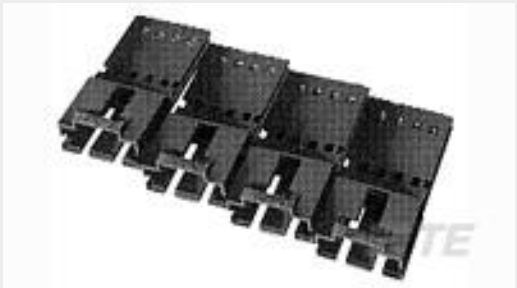


Wire-to-Board Connector Assemblies & Housings(298)

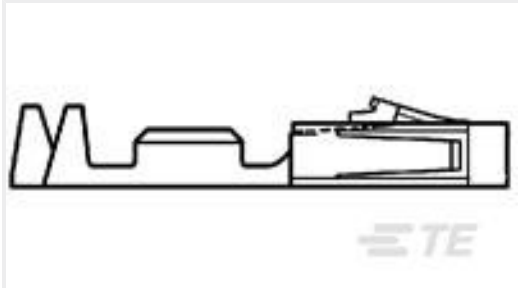


Wire-to-Board Headers & Receptacles (420)

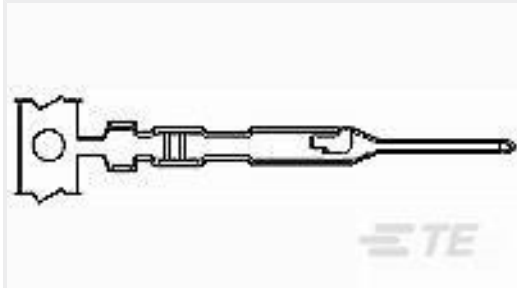
Customers Also Bought



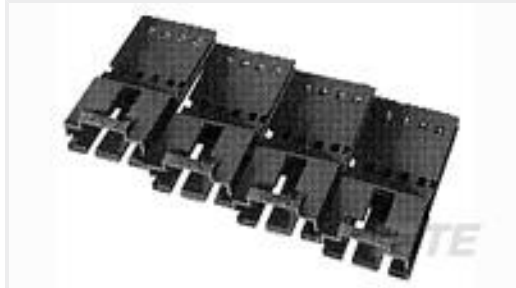
TE Part #103653-4  
05 MTE SHRD PIN HSG SR LATCH



TE Part #1-104480-5  
SHORT POINT RCP CONT LP



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



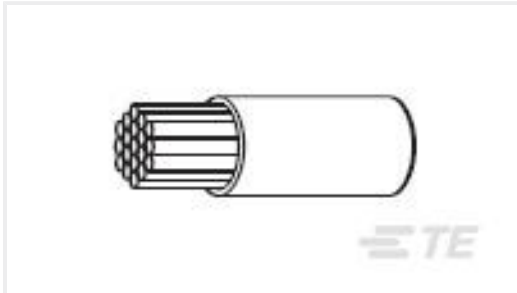
TE Part #103653-5  
06 MTE SHRD PIN HSG SR LATCH



TE Part #104257-3  
04 MTE RCPT HSG SR LATCH .100



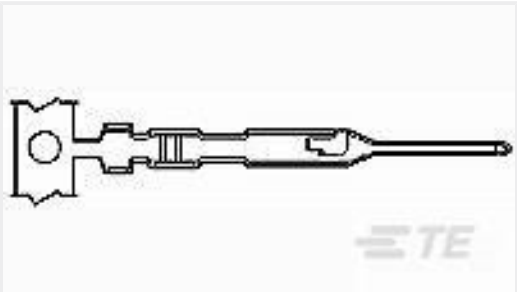
TE Part #2-456402-6  
WIRE CRIMPER .055



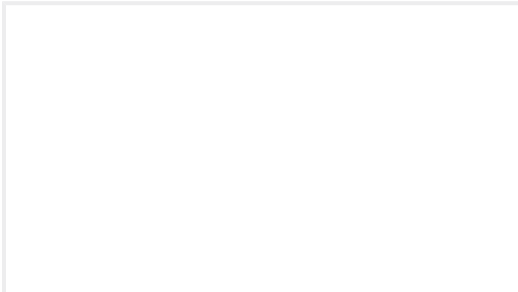
TE Part #144469-000  
FLHTC0311-16-9



TE Part #104257-2  
03 MTE RCPT HSG SR LATCH .100



TE Part #5-104505-4  
MTE PIN 22-26 AWG PLTD



TE Part #20870-2  
SWITCH,TOGGLE

Documents



Product Drawings

02 MTE SHRD PIN HSG SR LATCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_103653-1\_AM.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_103653-1\_AM.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_103653-1\_AM.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