

103653-7 ✓ ACTIVE

AMPMODU | AMPMODU MTE

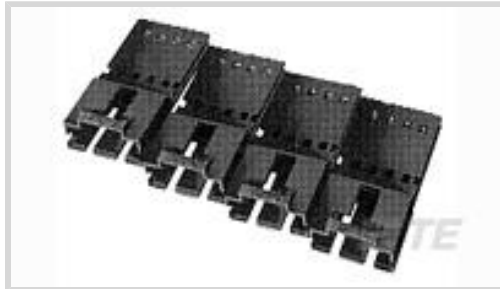
TE Internal #: 103653-7

Housing, Plug, Wire-to-Board, 8 Position, 2.54 mm [.1 in]  
Centerline, Crimp / Insulation Displacement (IDC), 1 Row, Black,  
AMPMODU MTE

[View on TE.com >](#)



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: **8**

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 | 8 |
| Number of Rows      | 1 |

### Electrical Characteristics

|                                       |            |
|---------------------------------------|------------|
| Dielectric Withstanding Voltage (Max) | 600 VACrms |
| Operating Voltage                     | 250 VAC    |

### Contact Features

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

### Termination Features

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



### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| 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] |
| Housing Color      | Black           |

### Dimensions

|                    |                   |
|--------------------|-------------------|
| Connector Length   | 22.73 mm [.89 in] |
| Connector Height   | 6.6 mm [.26 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

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

### Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| Packaging Method   | Package |

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)


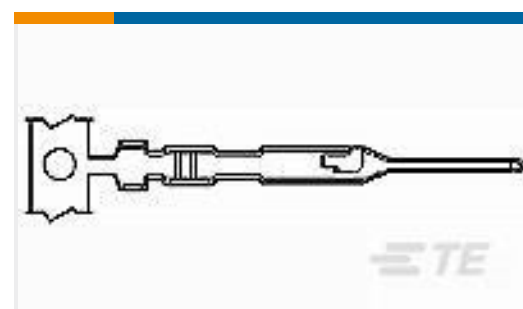
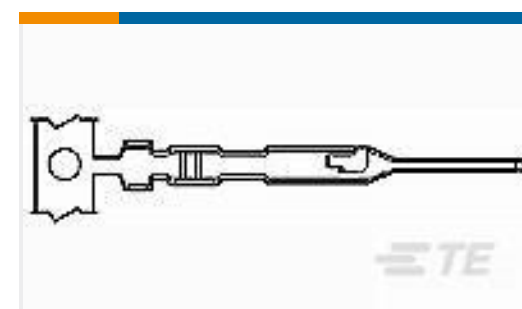
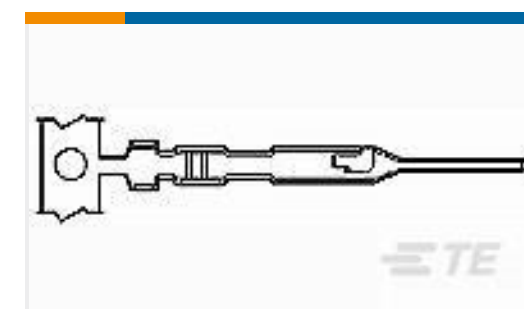

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<br>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

|  |   |  |  |
|--|---|--|--|
|  <p>TE Part # 104257-7<br/>08 MTE RCPT HSG SR LATCH .100</p>  |  <p>TE Part # 5-104506-4<br/>MTE PIN 28-32 AWG PLTD</p> |  <p>TE Part # 5-104505-4<br/>MTE PIN 22-26 AWG PLTD</p> |  <p>TE Part # 5-104505-2<br/>MTE PIN 22-26 AWG PLTD</p> |
|  <p>TE Part # 5-103958-7<br/>2X8 MTE RCPT SR LATCH .100CL</p> |   |  |  |

### Also in the Series | AMPMODU MTE

|  |   |   |  |
|--|---|---|--|
|  <p>Insertion &amp; Extraction Tools(2)</p> |  <p>PCB Connector Shrouds(40)</p> |  <p>PCB Headers &amp; Receptacles(763)</p> |  <p>Ribbon Connector Accessories(1)</p> |
|--|---|---|--|



Standard Rectangular Connectors(2)



Wire-to-Board Connector Assemblies & Housings(585)

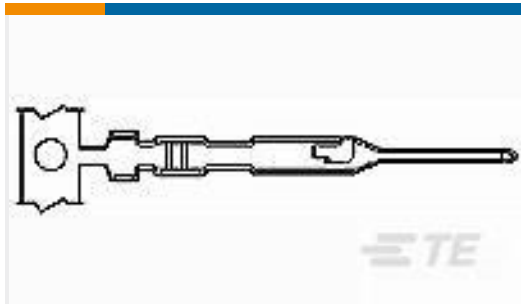


Wire-to-Board Connector Contacts(32)

## Customers Also Bought



TE Part #104257-9  
10 MTE RCPT HSG SR LATCH .100



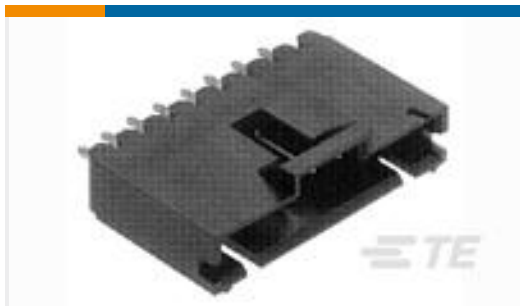
TE Part #5-104505-3  
MTE PIN LP



TE Part #103653-2  
03 MTE SHRD PIN HSG SR LATCH



TE Part #3-643817-7  
07P MTA156 CONN ASSY 18AWG  
ORA



TE Part #103639-1  
02 MTE HDR SRST LATCH .100CL



TE Part #1-104257-3  
14 MTE RCPT HSG SR LATCH .100



TE Part #1-172160-2  
MINI UNIVERSAL M-N-L CAP 6P



TE Part #1-172162-2  
12 POS TR MINI UNIV



TE Part #1-172168-9  
MINI UNIVERSAL M-N-L PLUG 6P



TE Part #103653-6  
07 MTE SHRD PIN HSG SR LATCH

## Documents

### Product Drawings

08 MTE SHRD PIN HSG SR LATCH

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_103653-7\_AM.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_103653-7\\_AM.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_103653-7\\_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

---

**Product Environmental Compliance**

[MD\\_103653-7\\_031620181324\\_dmtec](#)

English

[MD\\_103653-7\\_031620181324\\_dmtec](#)

English