



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: **5**  
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 | 5 |
| Number of Rows      | 1 |

Electrical Characteristics

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

Body Features

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



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] |

Dimensions

|                    |                  |
|--------------------|------------------|
| Connector Length   | 15.11 mm[.59 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

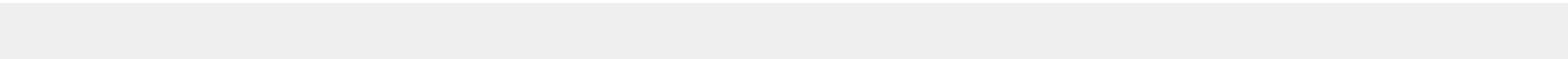
|                        |                               |
|------------------------|-------------------------------|
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0                      |

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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                                                                                  |

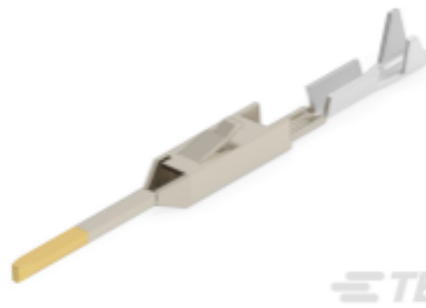
Product Compliance Disclaimer

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>

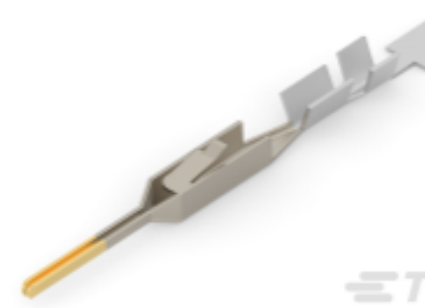
Compatible Parts



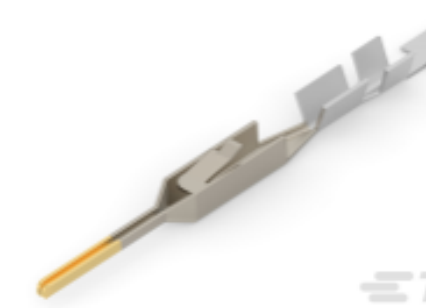
TE Part # 104257-4  
05 MTE RCPT HSG SR LATCH .100



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



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



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



TE Part # 5-103958-4  
4X5 MTE RCPT SR LATCH .100CL

Also in the Series | AMPMODU MTE



Connector Caps & Covers(40)



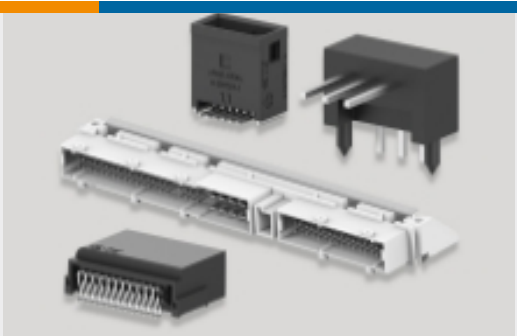
Connector Contacts(32)



Connector Hardware(1)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(763)



Standard Rectangular Connectors(2)

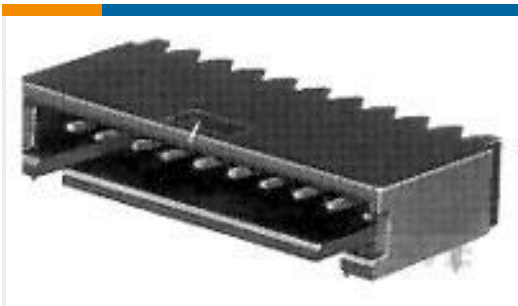


Wire-to-Board Connector Assemblies & Housings(585)

Customers Also Bought



TE Part # 2-644486-7  
07P MTA100 SHRDED HDR ASSY SN



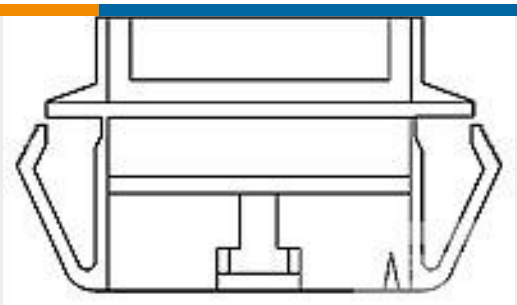
TE Part # 103361-4  
06 MODII HDR SRRA SHRD .100CL



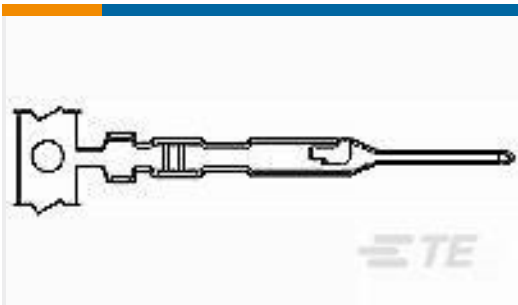
TE Part # 103653-1  
02 MTE SHRD PIN HSG SR LATCH



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



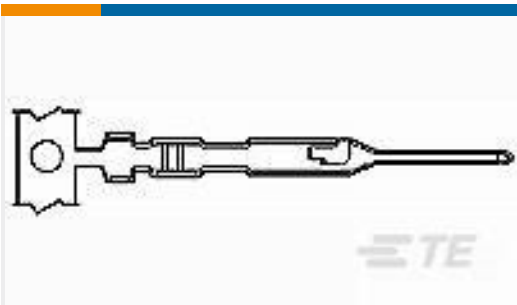
TE Part # 103682-4  
05 MTE PANEL MOUNT SR



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



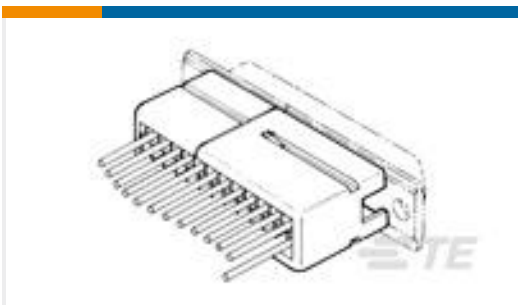
TE Part # 41582  
RING 190(4.82 MM) 24-20 AWG TPBR



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



TE Part # 41339  
250 FASTON,TAB,BR



TE Part # 745530-4  
37 POS COVER KIT

Documents



Product Drawings

05 MTE SHRD PIN HSG SR LATCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_103653-4\_AM.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_103653-4\_AM.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_103653-4\_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