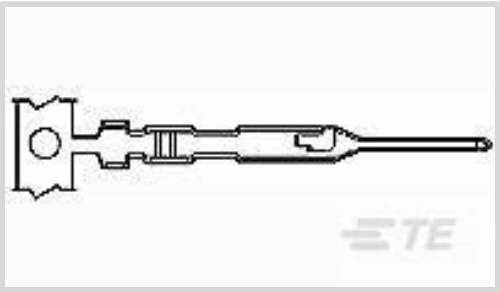




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Pin**  
Connector System: **Wire-to-Board**  
Wire Size: **.12 – .4 mm²**

Features

Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Applied Pressure                  | Standard      |
| Connector System                  | Wire-to-Board |
| Sealable                          | No            |
| Connector & Contact Terminates To | Wire & Cable  |

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 12 mΩ   |
| Insulation Resistance                 | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 750 V   |
| Operating Voltage                     | 300 VAC |

Contact Features

|                                                          |                              |
|----------------------------------------------------------|------------------------------|
| Mating Square Post Dimension                             | .64 mm[.025 in]              |
| Wire Contact Termination Area Plating Material Thickness | 1.27 – 2.54 μm[50 – 100 μin] |
| Wire Contact Termination Area Plating Material Finish    | Matte                        |
| Wire Contact Termination Area Plating Material           | Tin                          |
|                                                          | 15 μin                       |
| Contact Underplating Material                            | Nickel                       |
| Contact Base Material                                    | Phosphor Bronze              |
| Contact Type                                             | Pin                          |
| Contact Mating Area Plating Material                     | Gold                         |
| Contact Current Rating (Max)                             | 3 A                          |



Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                        |                               |
|----------------------------------------|-------------------------------|
| Accepts Wire Insulation Diameter Range | .91 – 1.37 mm[.035 – .054 in] |
| Wire Size                              | .12 – .4 mm²                  |

Usage Conditions

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

Operation/Application

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

Industry Standards

|                    |                       |
|--------------------|-----------------------|
| Approved Standards | CSA LR7189, UL E28476 |
| CSA File Number    | LR7189                |
| UL File Number     | E28476                |

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 500         |
| Packaging Method   | Loose Piece |

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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<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

TE Part # 91531-1  
CCII MTE AMPMODU MTE PIN REC  
26-22 ASSY

TE Part # 843477-1  
TOOL, EXTRACTION RESET

Also in the Series | AMPMODU MTE

Board-to-Board Headers &  
Receptacles(23)

Insertion & Extraction Tools(2)

PCB Connector Shrouds(40)

Ribbon Connector Accessories(1)

Standard Rectangular Connectors(2)

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

Wire-to-Board Connector Contacts(32)

Wire-to-Board Headers & Receptacles  
(740)

Customers Also Bought





TE Part #102185-1  
Universal Headers: Ejector Latch



TE Part #91531-1  
CCII MTE AMPMODU MTE PIN REC 26-22 ASSY



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



TE Part #103653-3  
04 MTE SHRD PIN HSG SR LATCH



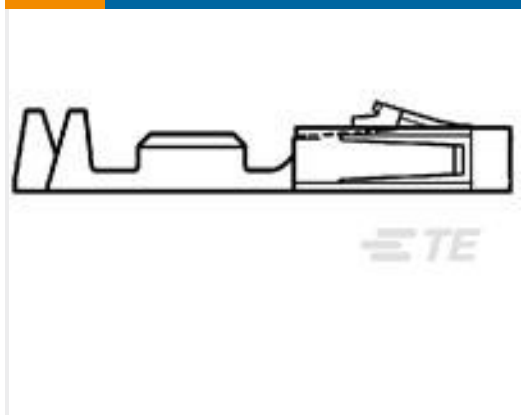
TE Part #103653-1  
02 MTE SHRD PIN HSG SR LATCH



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



TE Part #1-2132781-2  
12P EP-II HOUSING, NATURAL



TE Part #1-104480-6  
SHORT POINT RECP CONT LP



TE Part #1-770985-0  
MINI UMNL PIN 26-22AWG AU LP



TE Part #1-480303-2  
03P CMNL PLUG HSG F/H RED

Documents

Product Drawings

MTE PIN LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-104505-5\_V.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-104505-5\_V.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-104505-5\_V.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English