



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



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **2**

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

Features

Product Type Features

|                                   |                    |
|-----------------------------------|--------------------|
| Applied Pressure                  | Standard           |
| Connector Product Type            | Connector Assembly |
| Connector & Housing Type          | Receptacle         |
| 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

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 15 mΩ   |
| Insulation Resistance                 | 5000 MΩ |
| Operating Voltage                     | 267 V   |
| Dielectric Withstanding Voltage (Max) | 600 VAC |

Body Features

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

Contact Features

|                                  |      |
|----------------------------------|------|
| Contact Retention Within Housing | With |
|----------------------------------|------|



|                                                      |                 |
|------------------------------------------------------|-----------------|
| PCB Contact Termination Area Plating Material Finish | Matte           |
| Contact Layout                                       | Inline          |
| Contact Base Material                                | Phosphor Bronze |
| PCB Contact Termination Area Plating Material        | Tin             |
| Contact Type                                         | Socket          |
| Contact Current Rating (Max)                         | 3 A             |

Termination Features

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

Mechanical Attachment

|                                       |                            |
|---------------------------------------|----------------------------|
| Strain Relief                         | Without                    |
| Panel Mount Feature                   | Without                    |
| PCB Mount Retention                   | Without                    |
| Contact Retention Type Within Housing | Locking Lance              |
| Mating Retention                      | Without                    |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | Thermoplastic  |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Compatible Insulation Diameter Range | 1.37 mm[.054 in] |
| Connector Height                     | 2.49 mm[.098 in] |
| Wire Size                            | 26 – 22 AWG      |
| Connector Length                     | 50.8 mm[2 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                      |
| Compatible With Approved Standards Products | CSA LR7189, UL E28476         |
| Glow Wire Rating                            | Standard Part - Not Glow Wire |

Packaging Features



|                    |      |
|--------------------|------|
| Packaging Quantity | 110  |
| Packaging Method   | Tube |

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 # 58074-1  
MTA 50/100/156 MANUAL TOOL FRAME

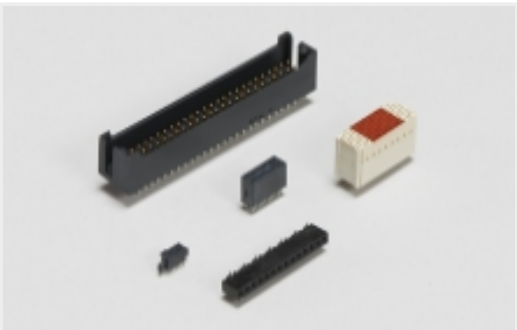


TE Part # 843477-1  
TOOL, EXTRACTION RESET



TE Part # 58336-1  
HEAD (IDC) MODU MTE WITHOUT TOOL FRAME

Also in the Series | AMPMODU MTE



Board-to-Board Headers & Receptacles(24)



Connector Caps & Covers(18)



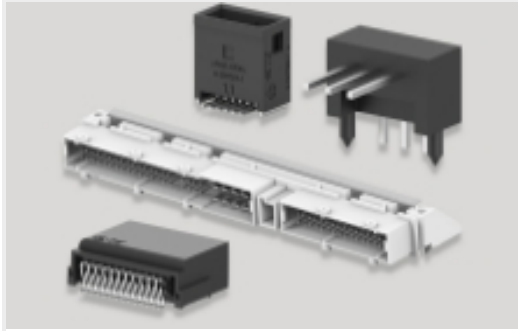
Connector Contacts(27)



Connector Hardware(1)



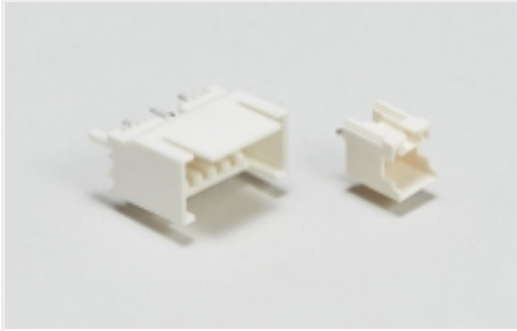
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)



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



Wire-to-Board Headers & Receptacles (420)

Customers Also Bought



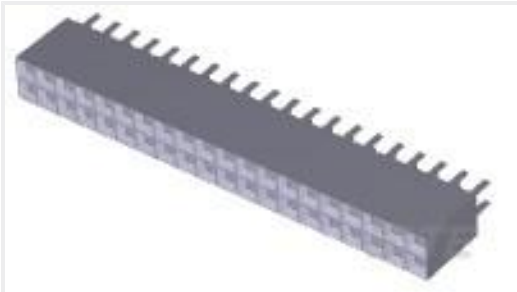
TE Part #926471-3  
1P UNIV MNL ST GEH



TE Part #2176411-7  
1/2W SM M/OX 5% 20K



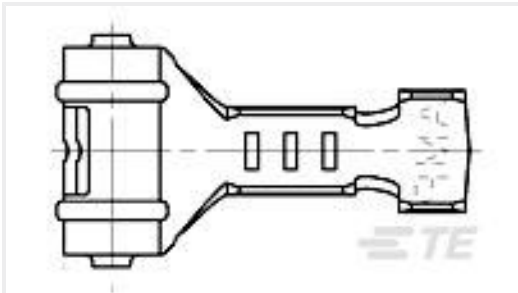
TE Part #1-1986711-2  
SCREWLESS, SW, 12P, 5.0 PCB



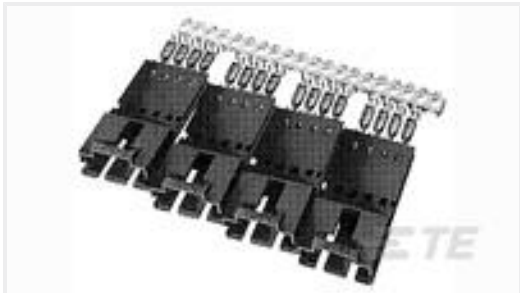
TE Part #2-534998-0  
40 MODIV VRT DR CE 100/125



TE Part #926472-3  
1P UNIV MNL BU GEH



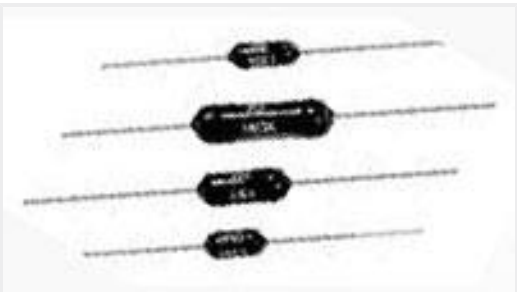
TE Part #350189-1  
.058 DIA RECPT PC R/A LP 26-22



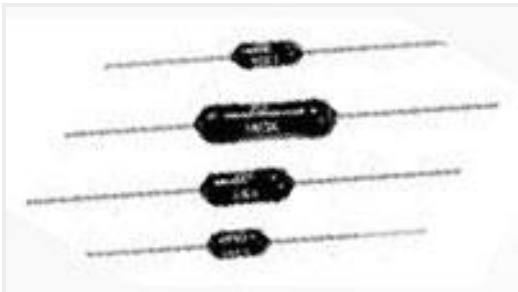
TE Part #5-103945-1  
8X2 MTE SHRD PIN SR LATCH .100



TE Part #6-1676123-8  
1/2W SM M/OX 5% 510R



TE Part #1-1879695-9  
H8 19K1 0.1% 100PPM



TE Part #9-1879693-4  
H8 1K0 0.1% 100PPM

Documents



Product Drawings

10X2 MTE RCPT SR PLAIN .100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-103976-1\_M.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-103976-1\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-103976-1\_M.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