



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: **10**

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 | 10 |
| 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 | Bright          |
| Contact Layout                                       | Inline          |
| Contact Base Material                                | Phosphor Bronze |
| PCB Contact Termination Area Plating Material        | Tin-Lead        |
| 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                    |
| Mating Retention Type                 | Latch                      |
| PCB Mount Retention                   | Without                    |
| Contact Retention Type Within Housing | Locking Lance              |
| Mating Retention                      | With                       |
| 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                     | 6.73 mm[.265 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 | 22   |
| Packaging Method   | Tube |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 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>SVHC > Threshold:<br>Pb (13% in 4690948374)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                                                                                                                                                                                                                                                                                                          |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                                                                                                                                                                                                                                                                                                            |

Product Compliance Disclaimer

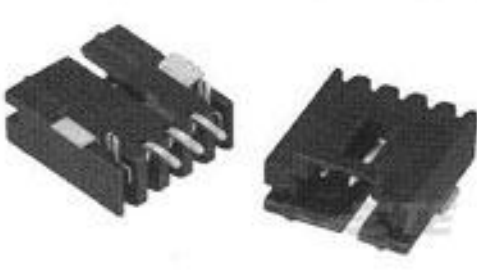
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 103904-9  
10 MTE HDR SRRA LATCH W/HLDWN



TE Part # 147323-9  
10 MTE HDR SRRA SMT.100CL



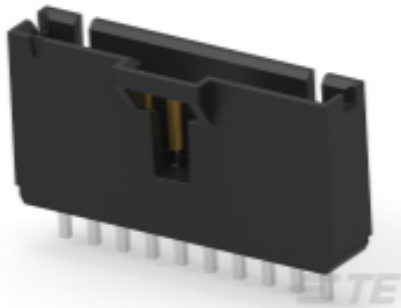
TE Part # 58074-1  
MTA 50/100/156 MANUAL TOOL  
FRAME



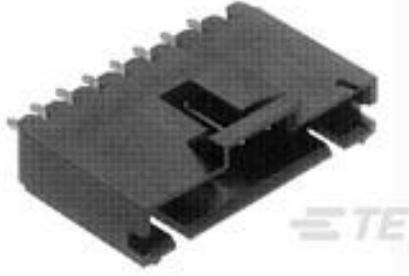
TE Part # 5-104935-9  
09 MTE HDR SRRA LTCH.100CL LF



TE Part # 843477-1  
TOOL, EXTRACTION RESET



TE Part # 103735-9  
10 MTE HDR SRST LATCH.100CL



TE Part # 103908-9  
10 MTE HDR SRST LATCH W/HLDWN

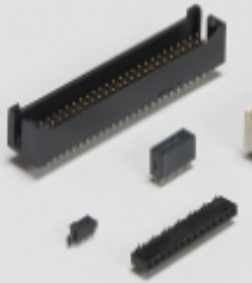


TE Part # 103906-9  
10 MTE HDR SARA LATCH .100CL



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

Also in the Series | [AMPMODU MTE](#)



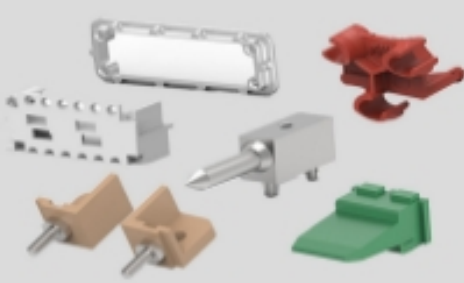
Board-to-Board Headers &  
Receptacles(24)



Connector Caps & Covers(18)



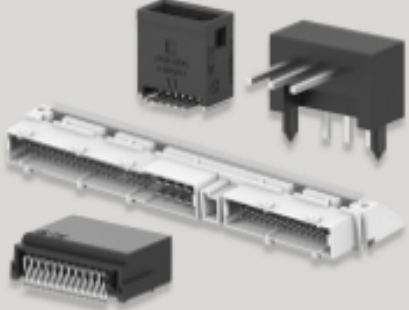
Connector Contacts(27)



Connector Hardware(1)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)



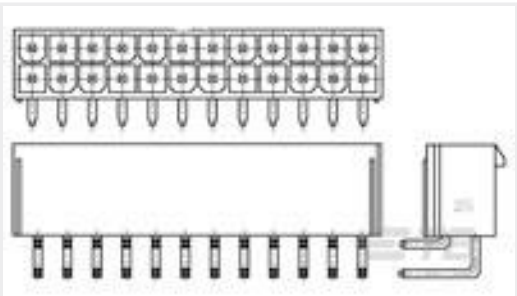
Wire-to-Board Connector Assemblies  
& Housings(298)



Wire-to-Board Headers & Receptacles  
(420)

Customers Also Bought

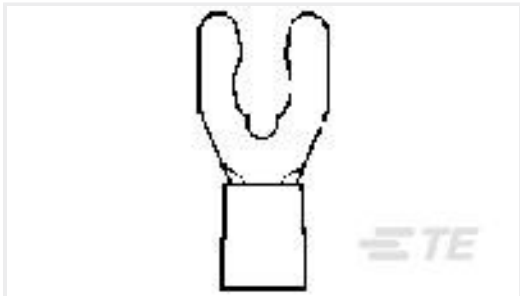




TE Part #2-1586041-2  
22P VAL-U-LOK R/A HDR V2



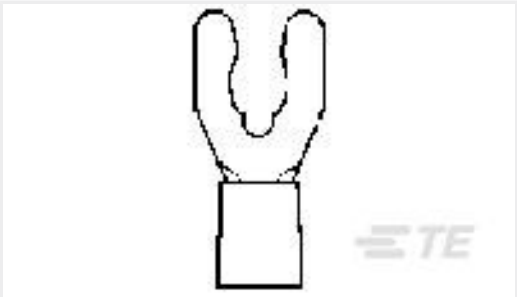
TE Part #5-103958-7  
2X8 MTE RCPT SR LATCH .100CL



TE Part #52956-1  
TERMINAL,PG SPR SPD 16-14 8



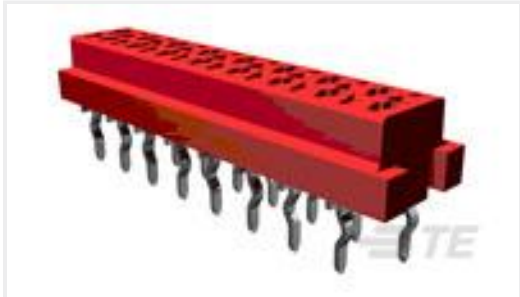
TE Part #2-215083-0  
MICRO-MATCH MOW.20P



TE Part #53246-1  
TERMINAL,PG SPR SPD 12-10 6



TE Part #2-1318114-4  
DYNAMIC D2100 TAB HSG 8P P/M Y



TE Part #9-215079-0  
MICRO-MATCH FOB.20P



TE Part #8-34162-1  
TERMINAL,PG R 16-14 1/4



TE Part #647402-5  
05P SL156 HSG W/RMP&TABS,OVSZ



TE Part #66106-4  
III+ PIN,26-24,30AU/FL,STRIP

Documents

Product Drawings

2X10 MTE RCPT SR LATCH .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_103958-9\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_103958-9\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_103958-9\_P.3d\_stp.zip

English

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Datasheets & Catalog Pages



AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English