

1-104257-6 ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 1-104257-6

Housing, Receptacle, Wire-to-Board, 17 Position, .1 in [2.54 mm]  
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: **Receptacle**

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

Number of Positions: **17**

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

## Features

### Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector & Housing Type          | Receptacle    |
| Connector System                  | Wire-to-Board |
| Sealable                          | No            |
| Connector & Contact Terminates To | Wire & Cable  |

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 17 |
| Number of Rows      | 1  |

### Electrical Characteristics

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

### Body Features

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

### Contact Features

|                                  |        |
|----------------------------------|--------|
| Contact Retention Within Housing | With   |
| Contact Layout                   | Inline |
| 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 |
|---------------|---------|

|                                       |               |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Locking Lance |
|---------------------------------------|---------------|

|                     |         |
|---------------------|---------|
| Panel Mount Feature | Without |
|---------------------|---------|

|                     |         |
|---------------------|---------|
| PCB Mount Retention | Without |
|---------------------|---------|

|                       |       |
|-----------------------|-------|
| Mating Retention Type | Latch |
|-----------------------|-------|

|                  |      |
|------------------|------|
| 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 | 43.13 mm[1.698 in] |
|------------------|--------------------|

|                  |                  |
|------------------|------------------|
| Connector Height | 6.73 mm[.265 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 | 500 |
|--------------------|-----|

|                  |     |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

### Other

|                                 |   |
|---------------------------------|---|
| Discrete Wire Connector Comment | Refer to AMPMODU contacts for crimp snap-in replacement receptacle or pin contacts. |
|---------------------------------|---|



## 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: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<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

|   |   |   |   |
|---|---|---|---|
|  <p>TE Part # 1-104479-0<br/>SHORT POINT CONT 30 DPLX STMPD LF</p> |  <p>TE Part # 104479-9<br/>SHORT POINT CONT 15 DPLX STMPD LF</p>   |  <p>TE Part # 1-104480-3<br/>SHORT POINT CONT 30 DPLX STMPD LF</p>         |  <p>TE Part # 1-104480-2<br/>SHORT POINT CONT 15 DPLX STMPD LF</p> |
|  <p>TE Part # 1-104481-1<br/>SHORT POINT CONT 30 DPLX STMPD LF</p> |  <p>TE Part # 1-104481-0<br/>SHORT POINT CONT 15 DPLX STMPD LF</p> |  <p>TE Part # 5-1825574-4<br/>17 MTE VERT SMT HDR, w/o caps or bdlocks</p> |  <p>TE Part # 104479-8<br/>SHORT POINT CONT PLTD SN</p>            |



TE Part # 1-103653-6  
17 MTE SHRD PIN HSG SR LATCH

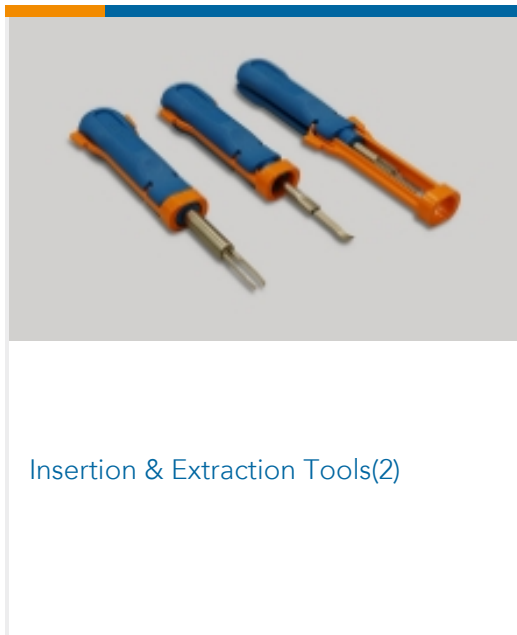


TE Part # 1825574-4  
17 MTE VERT SMT HDR, w/o caps or bdlocks



TE Part # 1977162-4  
17 MTE HDR SRRA SMT.100CL w/o H-Downs

## Also in the Series | AMPMODU MTE



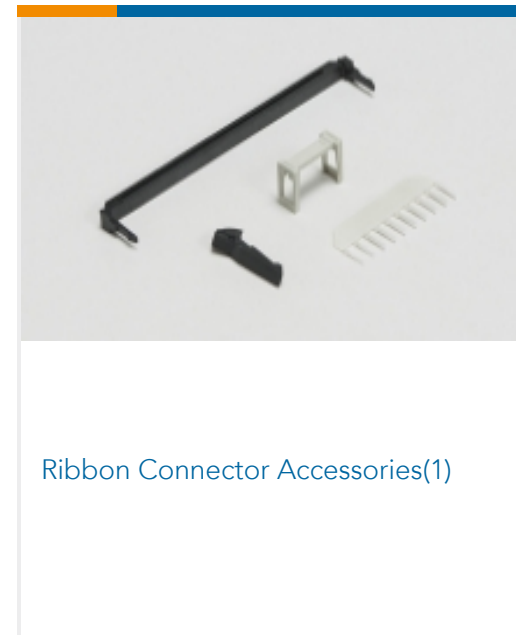
Insertion & Extraction Tools(2)



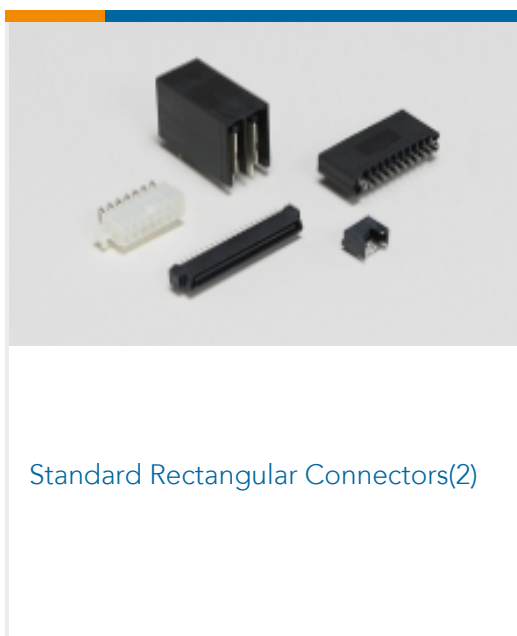
PCB Connector Shrouds(40)



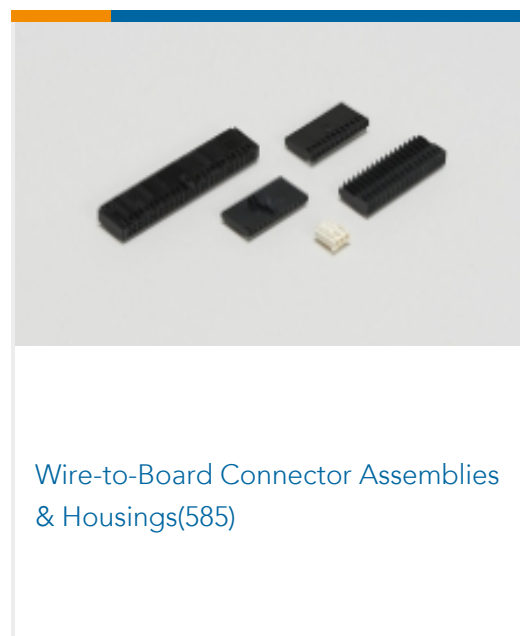
PCB Headers & Receptacles(763)



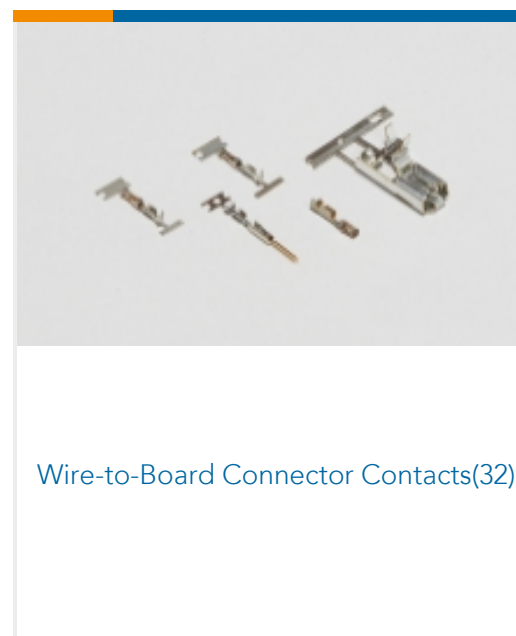
Ribbon Connector Accessories(1)



Standard Rectangular Connectors(2)



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



Wire-to-Board Connector Contacts(32)

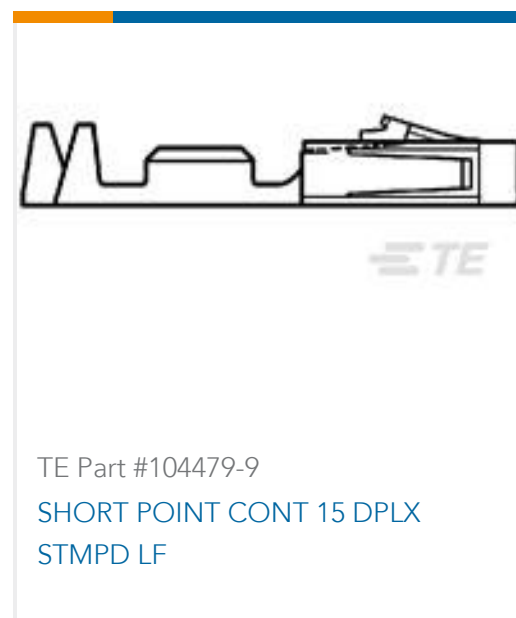
## Customers Also Bought



TE Part #2-324608-2  
PIDG SPD FLG22-16COM22-18MIL 2



TE Part #8-323915-1  
TERMINAL,PIDG R 26-22 6



TE Part #104479-9  
SHORT POINT CONT 15 DPLX STMPD LF



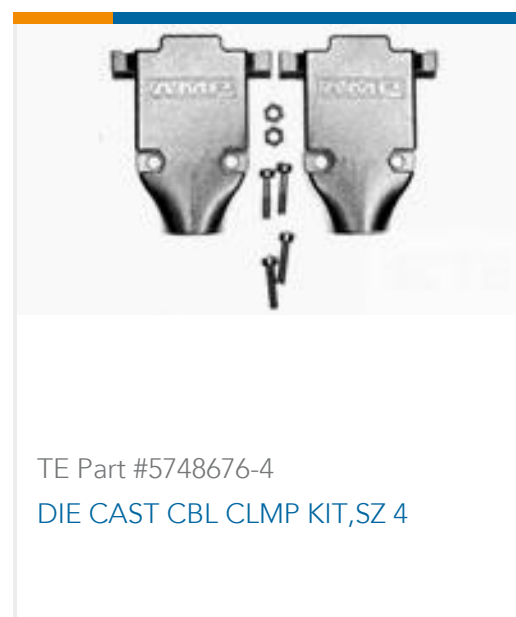
TE Part #1888674-1  
Cage Assy, QSFP, Through Bezel



TE Part #1879215-7  
CPF 0402 4K64 0.1% 25PPM 1K RL



TE Part #YDTS20F15-05PNV001  
RECP ASSY



TE Part #5748676-4  
DIE CAST CBL CLMP KIT,SZ 4



TE Part #2302794-2  
RAPLUGASSY,CENTERRP0,RTM,VPX, MGRT3



TE Part #2302796-2  
RAPLUGASSY, LEFTEND, HALF, RTM,  
VPX, MGRT3



TE Part #1410971-4  
MULTIGIG RT T2 7RW H-LFT RTM

## Documents

### Product Drawings

[17 MTE RCPT HSG SR LATCH .100](#)

English

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-104257-6\\_AH.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-104257-6\\_AH.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-104257-6\\_AH.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