



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: **8**

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 | 8 |
| Number of Rows      | 1 |

Electrical Characteristics

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

Body Features

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

Contact Features

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



|                              |                 |
|------------------------------|-----------------|
| Contact Base Material        | Phosphor Bronze |
| 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                      | Without                    |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |

Housing Features

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

Dimensions

|                  |                  |
|------------------|------------------|
| Connector Length | 2.03 mm[.798 in] |
| Connector Height | 2.49 mm[.098 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 |

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: JUNE 2023 (235)<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 # 1-104479-0  
SHORT POINT CONT 30 DPLX  
STMPD LF

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

TE Part # 1-104480-3  
SHORT POINT CONT 30 DPLX  
STMPD LF

TE Part # 104479-8  
SHORT POINT CONT PLTD SN

TE Part # 1-104480-2  
SHORT POINT CONT 15 DPLX  
STMPD LF

TE Part # 1-104481-1  
SHORT POINT CONT 30 DPLX  
STMPD LF

TE Part # 1-104481-0  
SHORT POINT CONT 15 DPLX  
STMPD LF



Also in the Series | AMPMODU MTE

|                                    |                                                    |                                      |                                 |
|------------------------------------|----------------------------------------------------|--------------------------------------|---------------------------------|
|                                    |                                                    |                                      |                                 |
| Insertion & Extraction Tools(1)    | 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

|                                                         |                                                         |                                                                          |                                                              |
|---------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------|
| <br>TE Part #770849-3<br>03P SL156 HSG W/LCK RMP & TABS | <br>TE Part #6609008-7<br>1EJHP=F8038                   | <br>TE Part #T4131012121-000<br>M12,REAR MOUNT,FEMALE,A,12P, SOLDER WIRE | <br>TE Part #2-215309-0<br>2X20P HV100 REC CON. TE, 8.5MM    |
| <br>TE Part #1625862-1<br>RH73 2A 10G 30% 1000PPM 1K RL | <br>TE Part #31425<br>TERMINAL,BUDG R 26-22 2           | <br>TE Part #5353929-1<br>Std USB Type A, R/A, SMT, Offset, Panel        | <br>TE Part #1734193-1<br>WTB Socket,Terminal 80u" Tin Panel |
| <br>TE Part #1-104480-4<br>SHORT POINT RECP CONT LP     | <br>TE Part #1734098-4<br>Champ050 40p A/P RCPT 25CL PB |                                                                          |                                                              |



Documents

Product Drawings

08 MTE RCPT HSG SR PLAIN .100

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_103688-7\_K.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_103688-7\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_103688-7\_K.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