

1-104257-1 ✓ ACTIVE

AMPMODU | AMPMODU MTE

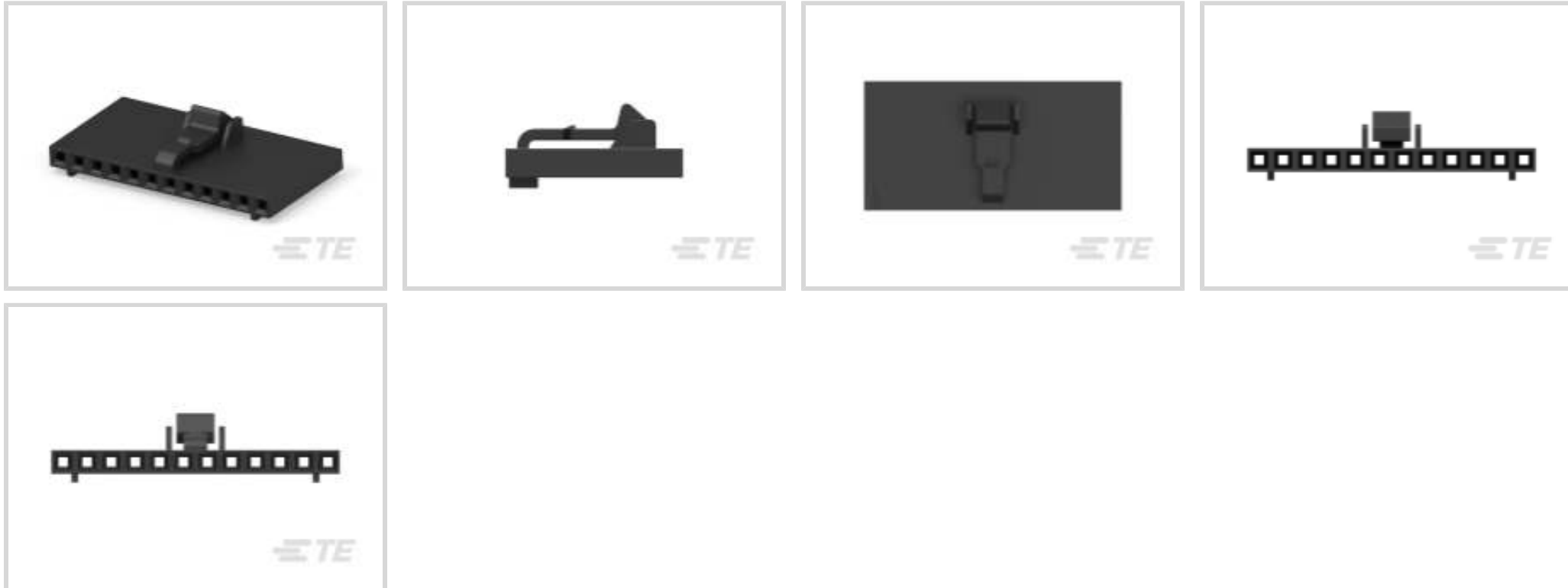
TE Internal #: 1-104257-1

Housing, Receptacle, Wire-to-Board, 12 Position, .1 in [2.54 mm]  
Centerline, Insulation Displacement (IDC) / Crimp, 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: **12**

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	12
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	30.43 mm[1.198 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) Candidate List Declared Against: JUNE 2023 (235) 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 # 1-103653-1  
12 MTE SHRD PIN HSG SR LATCH



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



TE Part # 1-147750-1  
12 MTE HDR SRST W/PCB TIN



TE Part # 1825574-2  
12 MTE VERT SMT HDR, w/o caps or  
bdlocks

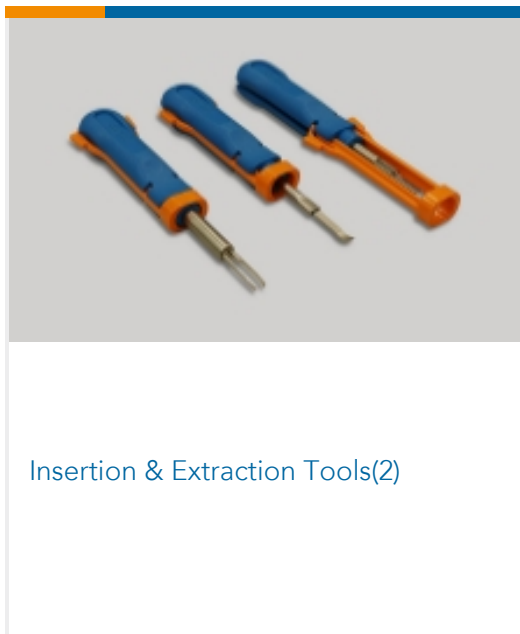


TE Part # 1825514-3  
12 MTE VERT SMT HDR, Lead-Free



TE Part # 6-147750-1  
12 MTE HDR SRST W/PCB LF

Also in the Series | AMPMODU MTE



Insertion & Extraction Tools(2)



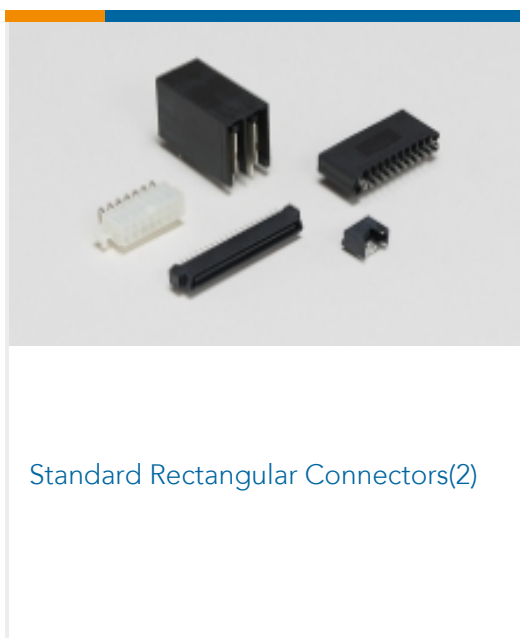
PCB Connector Shrouds(40)



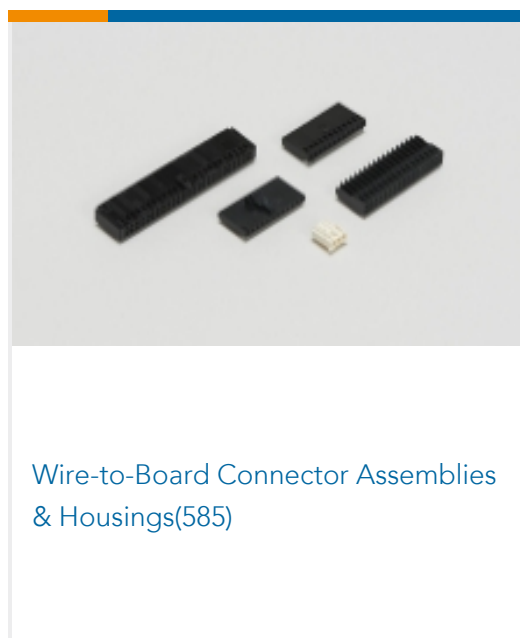
PCB Headers & Receptacles(763)



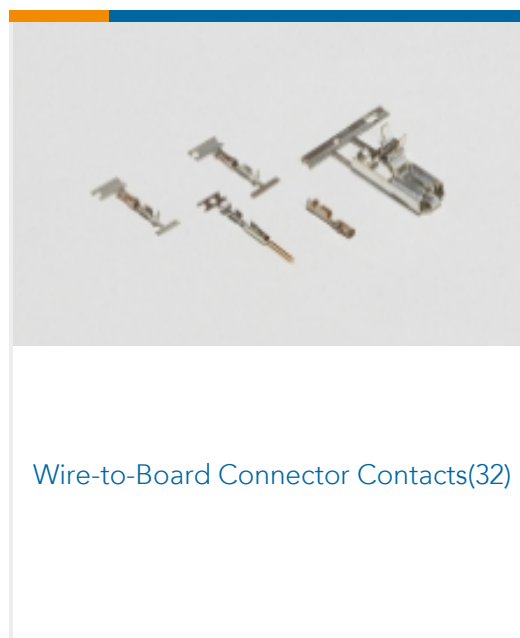
Ribbon Connector Accessories(1)



Standard Rectangular Connectors(2)



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



Wire-to-Board Connector Contacts(32)

Customers Also Bought



TE Part #103669-1  
02 MTE HDR SRST LATCH W/HLDWN



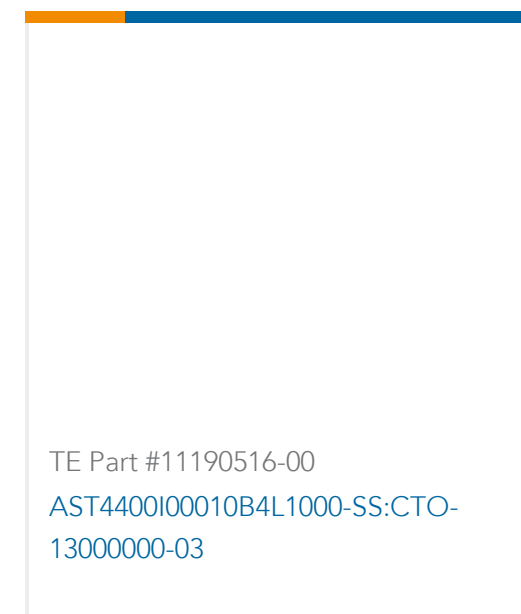
TE Part #104257-7  
08 MTE RCPT HSG SR LATCH .100



TE Part #1-104257-5  
16 MTE RCPT HSG SR LATCH .100



TE Part #1-103644-5  
16 MTE RCPT SR LATCH .100CL



## Documents

### Product Drawings

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

English

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-104257-1\\_AH.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-104257-1\\_AH.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-104257-1\\_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

### Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English



1-104257-1

Housing, Receptacle, Wire-to-Board, 12 Position, .1 in [2.54 mm] Centerline,  
Insulation Displacement (IDC) / Crimp, 1 Row, Black, AMPMODU MTE

