

1-104257-2 ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 1-104257-2

13 Position, Receptacle, Housing, Crimp / Insulation Displacement (IDC), Wire-to-Board, UL 94V-0, 2.54 mm [.1 in] Centerline, 1 Row, AMPMODU MTE

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch**

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

Contact Retention Within Housing: **With**

## 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	13
Number of Rows	1

### Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	600 VAC

### Body Features

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

### Contact Features

Contact Layout	Inline
Contact Retention Within Housing	With
Contact Type	Socket
Contact Current Rating (Max)	3 A



### Termination Features

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

### Mechanical Attachment

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

### Housing Features

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

### Dimensions

Connector Height	6.73 mm [.265 in]
Connector Length	32.97 mm [1.298 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 Method	Bag
Packaging Quantity	500

### 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)

Candidate List Declared Against: JUNE 2025 (250)

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

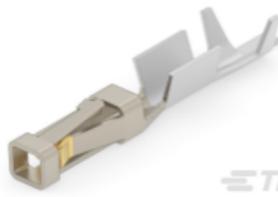
Product Compliance Disclaimer

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



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



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



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



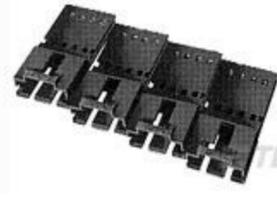
TE Part # 1-104479-0  
SHORT POINT CONT 30 DPLX  
STMPD LF



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



TE Part # 104479-8  
SHORT POINT CONT PLTD SN

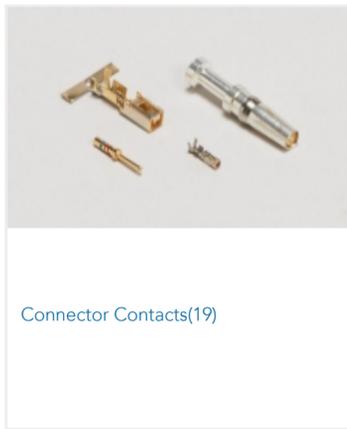


TE Part # 1-103653-2  
13 MTE SHRD PIN HSG SR LATCH

Also in the Series | **AMPMODU MTE**



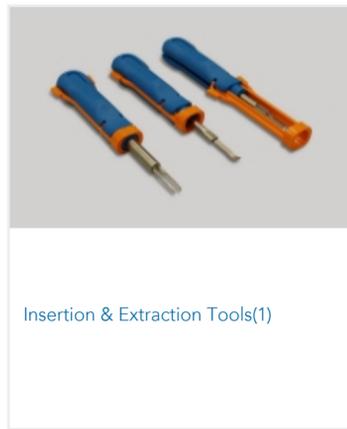
Connector Caps & Covers(18)



Connector Contacts(19)



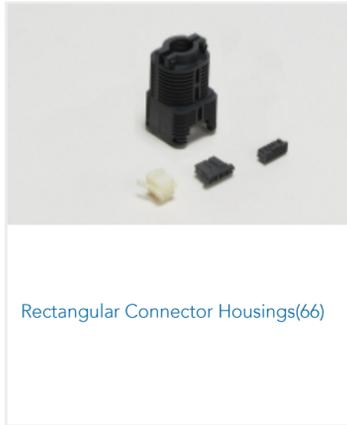
Connector Hardware(1)



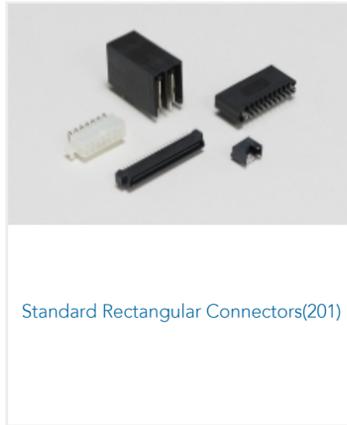
Insertion & Extraction Tools(1)



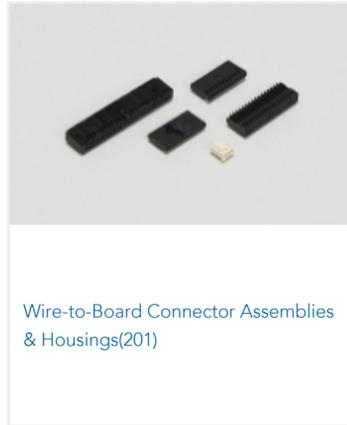
PCB Headers & Receptacles(330)



Rectangular Connector Housings(66)



Standard Rectangular Connectors(201)

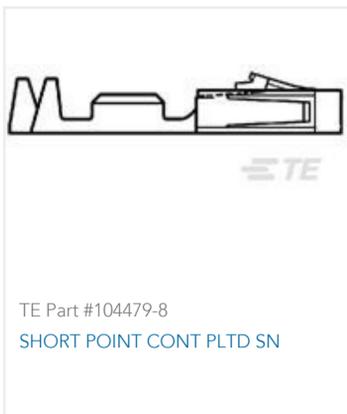


Wire-to-Board Connector Assemblies & Housings(201)



Wire-to-Board Headers & Receptacles (330)

## Customers Also Bought



TE Part #104479-8  
SHORT POINT CONT PLTD SN



TE Part #CAT-D9934-A66A  
Receptacle and Tab Housing: 2.5 mm  
Pitch, 250V



TE Part #1-1393154-7  
PT580024



TE Part #4-1609156-0  
PMOS0SM6E=C7114



TE Part #5-1625885-1  
1W SM M/OX 5% 27K



TE Part #1-2176337-4  
CRGCQ 0402 120R 1%



TE Part #3-2176343-8  
CRGCQ 1206 12K 1%



TE Part #2381881-1  
PBES16 23.8 RB NO LAMP 000 1NC



## Documents

### Product Drawings

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

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

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

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-104257-2\\_AH.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-104257-2\\_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