

5-103956-1 ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 5-103956-1

2 Position, Receptacle, Connector Assembly, Crimp / Insulation

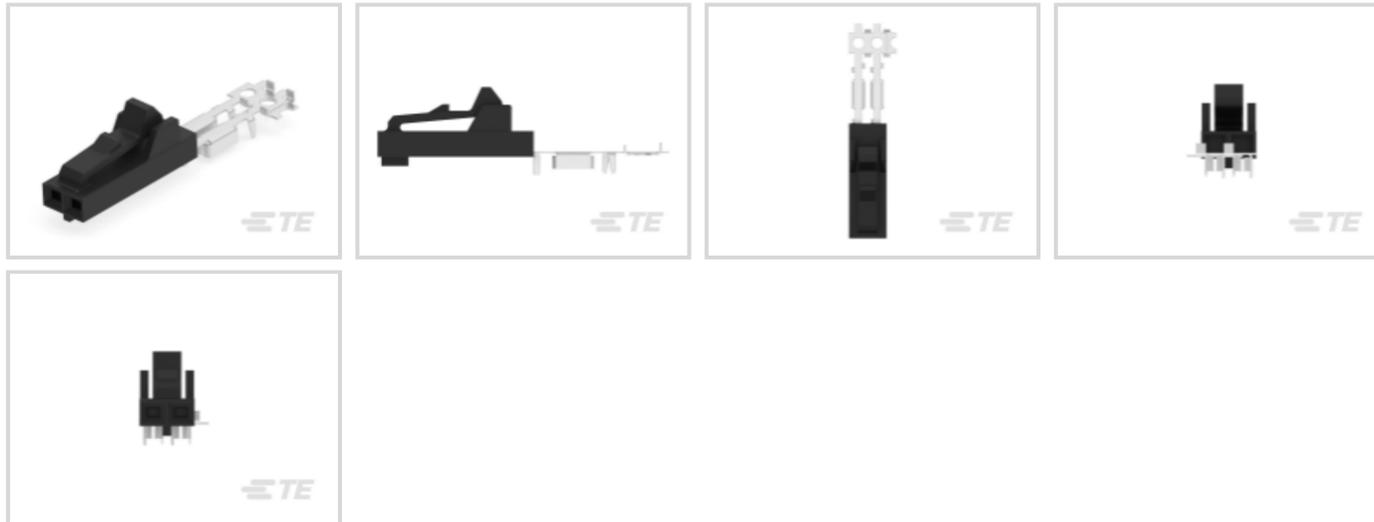
Displacement (IDC), Wire-to-Board, UL 94V-0, 2.54 mm [.1 in]

Centerline, AMPMODU MTE

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

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

### Configuration Features

Number of Positions	2
Number of Rows	1

### Electrical Characteristics

Termination Resistance	15 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	600 VAC

### Body Features

Primary Product Color	Black
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### Contact Features

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

### Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)
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### Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Contact Retention Type Within Housing	Locking Lance
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

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]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0



### Packaging Features

Packaging Quantity	10
Packaging Method	Tube

### 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

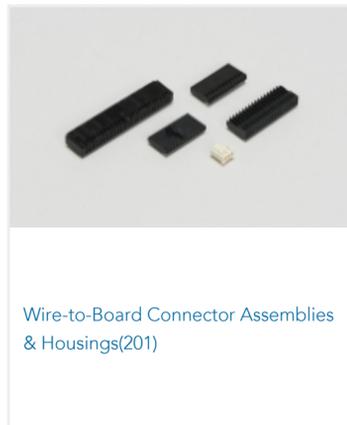
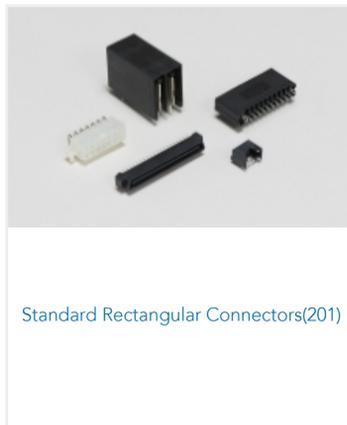
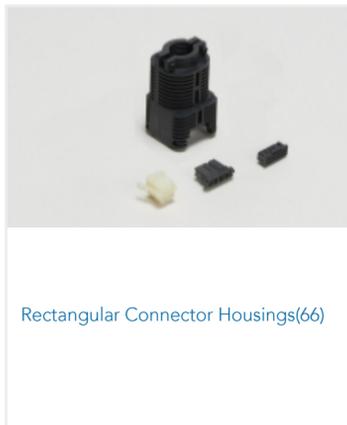
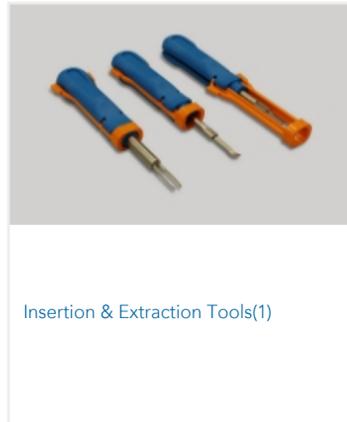
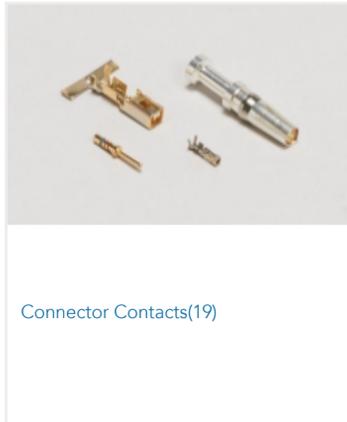
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

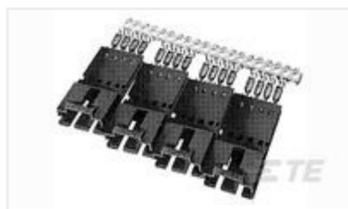




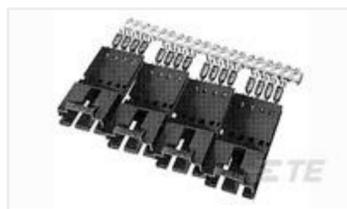
Also in the Series | **AMPMODU MTE**



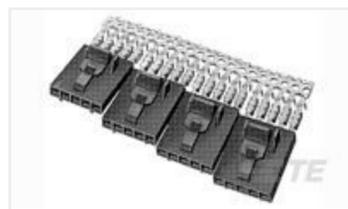
Customers Also Bought



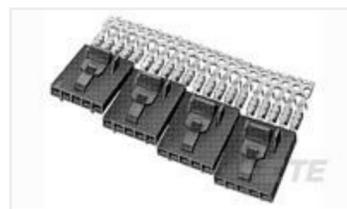
TE Part #5-103945-1  
8X2 MTE SHRD PIN SR LATCH .100



TE Part #5-103946-3  
4X4 MTE SHRD PIN SR POL .100CL



TE Part #6-103956-1  
2X12 MTE RCPT SR LATCH .100CL



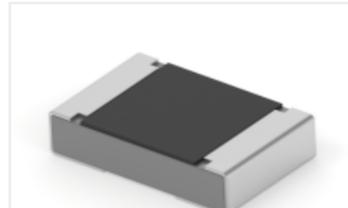
TE Part #1-103957-4  
5X4 MTE RCPT SR LATCH .100CL



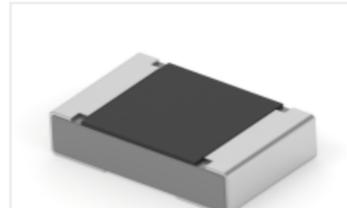
TE Part #745508-5  
FERRULE SPLIT RING, HD



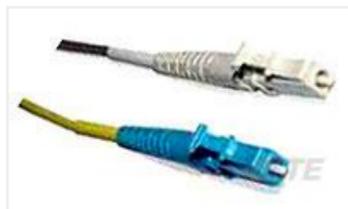
TE Part #2176343-6  
CRGCO 1206 27R 1%



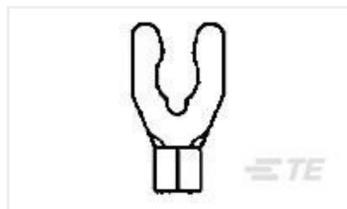
TE Part #2176482-2  
RA73F 2A 52R3 0.1% 5K RL



TE Part #4-2176482-7  
RA73F 2A 154R 0.1% 5K RL



TE Part #6828129-1  
CO KIT, LC, MM, DUP TIGHT



TE Part #53177-1  
SOLIS SP SPD 16-14 5

## Documents

### Product Drawings

[10X2 MTE RCPT SR LATCH .100CL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-103956-1\\_T.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-103956-1\\_T.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-103956-1\\_T.3d\\_stp.zip](#)

English

[3D PDF](#)

English



**Customer View Model**

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English

**Customer View Model**

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English

**Customer View Model**

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English

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**Datasheets & Catalog Pages**

[AMP MODU MTE Section of Catalog 1307819](#)

English

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)

English

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

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**Product Specifications**

[Application Specification](#)

English