

1-104257-9 ✓ ACTIVE

AMPMODU | AMPMODU MTE

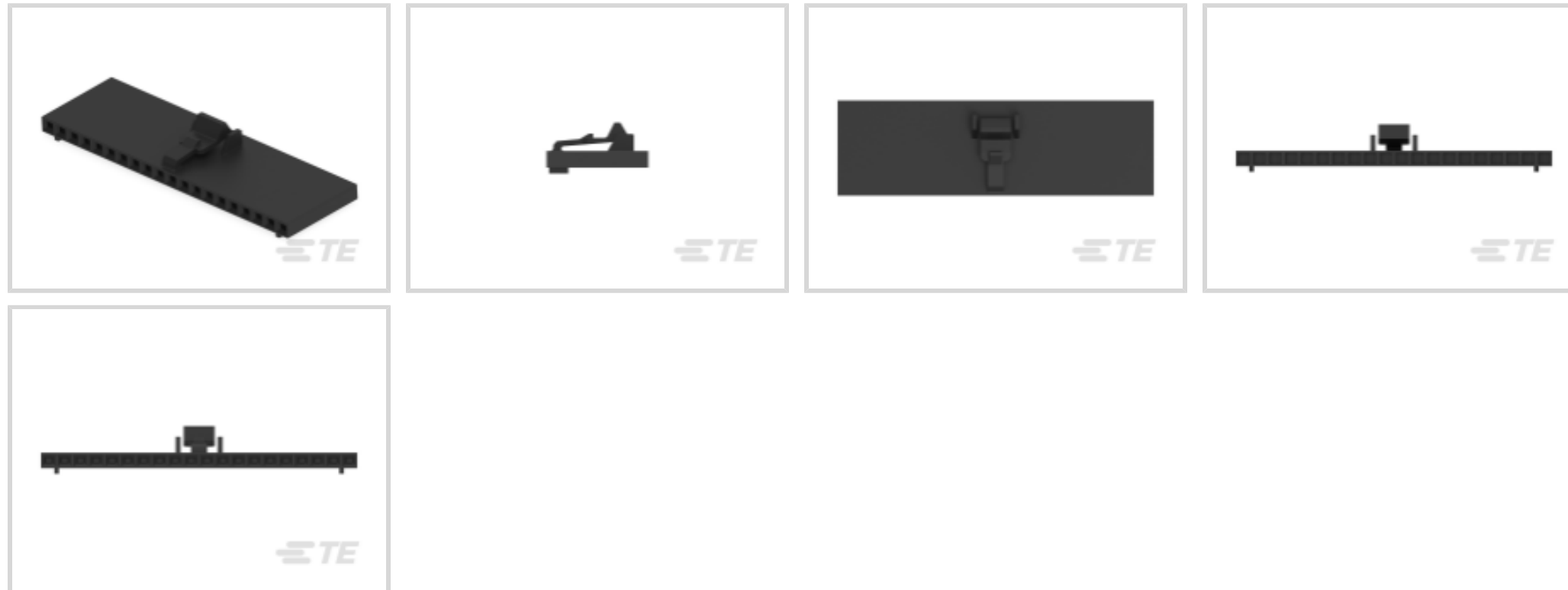
TE Internal #: 1-104257-9

Housing, Receptacle, Wire-to-Board, 20 Position, .1 in [2.54 mm]
Centerline, Crimp / Insulation Displacement (IDC), 1 Row, Black,
AMPMODU MTE

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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: **20**

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	20
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
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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)
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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	50.75 mm[1.998 in]
Connector Height	6.73 mm[.265 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

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.
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Product Compliance

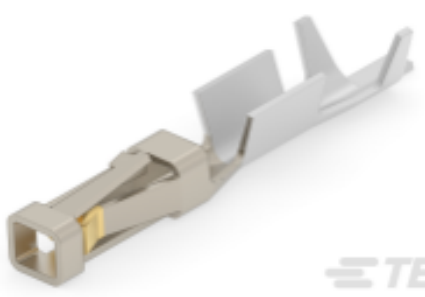
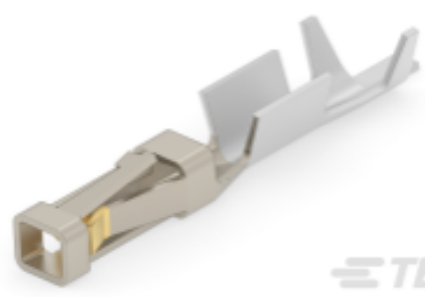
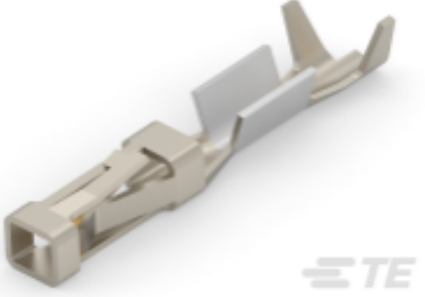

For compliance documentation, visit the product page on TE.com>

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

 <p>TE Part # 1-104479-0 SHORT POINT CONT 30 DPLX STMPD LF</p>	 <p>TE Part # 104479-9 SHORT POINT CONT 15 DPLX STMPD LF</p>	 <p>TE Part # 1-104480-3 SHORT POINT CONT 30 DPLX STMPD LF</p>	 <p>TE Part # 104479-8 SHORT POINT CONT PLTD SN</p>
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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 # 1-103653-9
20 MTE SHRD PIN HSG SR LATCH




TE Part # 1825573-3
20 MTE VERT SMT HDR,SN-PB, SEL
LOAD

Also in the Series | **AMPMODU MTE**



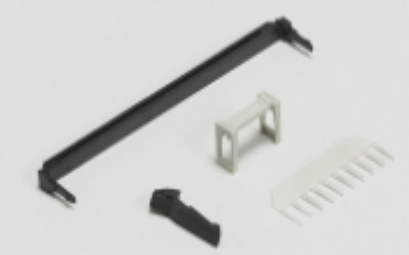
Connector Caps & Covers(40)




Insertion & Extraction Tools(1)




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



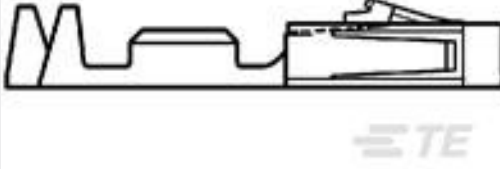
TE Part #2176231-1
3522 10R 1% 3W



TE Part #10142048-30
HTU31V I.C 31V RH/T ANALOG R400
4kV



TE Part #640388-6
06P MTA156 HDR ASSY RN STR F/L



TE Part #1-104480-6
SHORT POINT RECP CONT LP



Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-104257-9_AH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-104257-9_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-104257-9_AH.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

English

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

Product Specifications

[Application Specification](#)

English

1-104257-9

Housing, Receptacle, Wire-to-Board, 20 Position, .1 in [2.54 mm] Centerline, Crimp /
Insulation Displacement (IDC), 1 Row, Black, AMPMODU MTE



Product Environmental Compliance

[MD_1-104257-9_031620181325_dmtec](#)

English

[MD_1-104257-9_031620181325_dmtec](#)

English