

103972-2 ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 103972-2

Connector Assembly, Receptacle, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Crimp / Insulation Displacement (IDC), 1 Row, AMPMODU MTE

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **3**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Applied Pressure	Standard
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	3
Number of Rows	1

Electrical Characteristics

Termination Resistance	15 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	600 V
Operating Voltage	267 V

Body Features

Primary Product Color	Black
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Contact Features

Contact Retention Within Housing	With
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Contact Layout	Inline
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Contact Type	Socket
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PCB Contact Termination Area Plating Material	Tin-Lead
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Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	3 A
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Termination Features

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

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

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

Connector Length	60.96 mm[2.4 in]
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Connector Height	2.49 mm[.098 in]
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Compatible Insulation Diameter Range	1.37 mm[.054 in]
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Wire Size	.05 – .15 mm ²
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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
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Approved Standards	CSA LR7189, UL E28476
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	72
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Packaging Method

Tube

Other

Discrete Wire Connector Comment

Maximum insulation diameter is 1.14 [.045]
for Pneumatic Terminators., Ribbon Cable
Notched handles 22-28 AWG

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Not Compliant

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

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)
SVHC > Threshold:
Pb (13% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl > 900
ppm.

Solder Process Capability

Not applicable for solder process capability

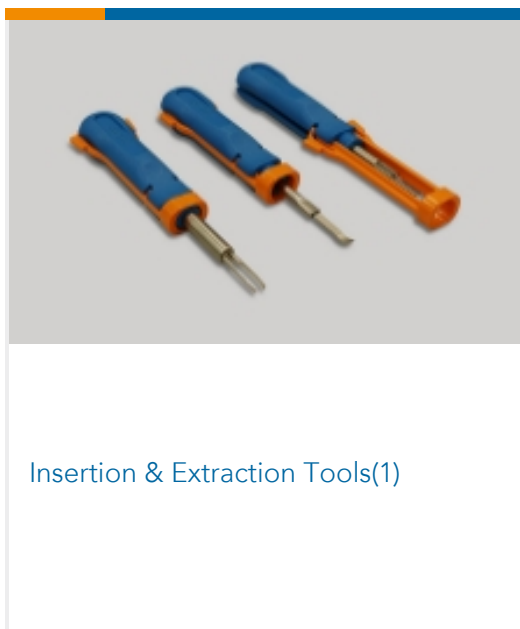
Product Compliance Disclaimer

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**





Standard Rectangular Connectors(2)

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

Wire-to-Board Connector Contacts(32)

Customers Also Bought

TE Part #66400-3
Pin and Socket Contacts, Type III, LPTE Part #6-1625999-4
HSC100 4R0 5%TE Part #1625984-8
HSA50 12R 5%TE Part #1-5103308-0
A/L LOW PRO HDR 50P VERT BLACKTE Part #1-794610-2
MICRO MNL RPT CNT,LS PC 30AU LTE Part #172170-1
12 CIR UNIV M-N-L PLUGTE Part #1-770904-1
MINI UMNL SOK 22-18AWG AU LFTE Part #1-480702-9
04P UMNL PLUG HSG BLKTE Part #350537-2
UMNL SOK 20-14 .0126 AUNI/BR

Documents

Product Drawings

8X3 MTE RCPT SR RIBBED .100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_103972-2_L.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_103972-2_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_103972-2_L.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English