

TE Internal #: 104503-6
Housing, Plug, Wire-to-Board, 7 Position, .1 in [2.54 mm]
Centerline, Crimp / Insulation Displacement (IDC), 1 Row, Black,
Wire & Cable, 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: **Plug**
Connector System: **Wire-to-Board**
Number of Positions: **7**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	7
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 Layout	Inline
Contact Type	Pin
Contact Base Material	Phosphor Bronze



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
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Length	17.72 mm
Connector Height	2.48 mm
Wire Size	.05 – .3 mm ²
Row-to-Row Spacing	2.54 mm[.1 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

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

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

TE Part # 5-104506-4
MTE PIN 28-32 AWG PLTD

TE Part # 5-104505-4
MTE PIN 22-26 AWG PLTD

TE Part # 5-104505-2
MTE PIN 22-26 AWG PLTD

TE Part # 5-103958-6
2X7 MTE RCPT SR LATCH .100CL

TE Part # 103682-6
07 MTE PANEL MOUNT SR

TE Part # 5-103960-6
2X7 MTE RCPT SR LATCH .100CL

TE Part # 5-103961-6
2X7 MTE RCPT SR LATCH .100CL



Also in the Series

AMPMODU MTE

Insertion & Extraction Tools(1)

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 #8-1625971-6
Power Resistors: Aluminum Housed, HSA

TE Part #66255-5
TYPE XII CONT ASY MALE

TE Part #5-104506-4
MTE PIN 28-32 AWG PLTD

TE Part #9-1415074-1
PT3S7RC4

TE Part #1337772-4
50/OHM COAX BNC STR PLUG ELB P

TE Part #1-6450151-1
MBXL VERT RCPT 40S

TE Part #2-6450131-7
MBXL R/A HDR 40S

TE Part #1337769-5
50 OHM COAX BNC STR PLUG P99-E

TE Part #2-6450861-6
MBXLVERT REC. 12S+2P+12LP



Documents

Product Drawings

07 MTE PIN HSG SR RIB .100CL

English

CAD Files

Customer View Model

ENG_CVM_104503-6_G.3d_igs.zip

English

Customer View Model

ENG_CVM_104503-6_G.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_104503-6_G.2d_dxf.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