



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: **12**

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	12
Number of Rows	1

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	600 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	267 V

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)
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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]
Housing Color	Black

Dimensions

Connector Length	30.43 mm[1.198 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

Comment	Refer to AMPMODU contacts for crimp snap-in replacement receptacle or pin contacts.
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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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 1-103653-1 12 MTE SHRD PIN HSG SR LATCH	 TE Part # 1-104479-0 SHORT POINT CONT 30 DPLX STMPD LF	 TE Part # 104479-9 SHORT POINT CONT 15 DPLX STMPD LF	 TE Part # 104479-8 SHORT POINT CONT PLTD SN
 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 # 1-147750-1 12 MTE HDR SRST W/PCB TIN	 TE Part # 1-104480-3 SHORT POINT CONT 30 DPLX STMPD LF



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

TE Part # 1825574-2
12 MTE VERT SMT HDR, w/o caps or
bdlocks

TE Part # 1825514-3
12 MTE VERT SMT HDR, Lead-Free

TE Part # 6-147750-1
12 MTE HDR SRST W/PCB LF

Also in the Series | AMPMODU MTE

Insertion & Extraction Tools(2)

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 #172520-4
LOW PRO MINI AMP-IN HDR 4P

TE Part #1-480703-1
04P UMNL CAP HSG BRN

TE Part #794230-1
MINI UMNL2 PIN 20-16AWG LP SN

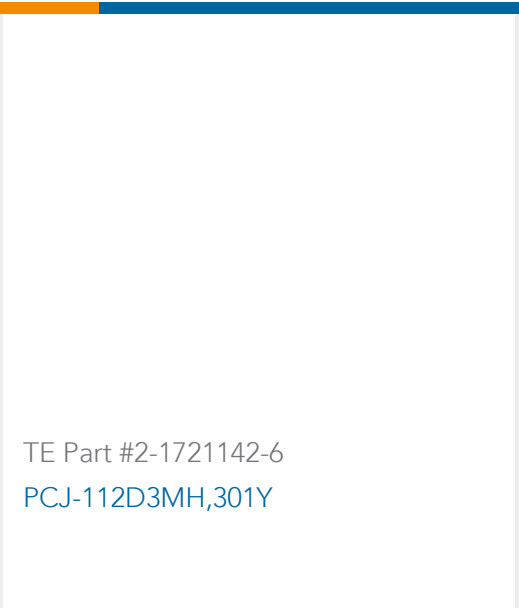
TE Part #104479-3
SHORT POINT CONT 15 DPLX STMPD

TE Part #104479-6
SHORT POINT RECP CONT LP

TE Part #4-1440000-3
OMI-SH-124L,394

TE Part #1721531-7
PCJ-112D3MH,303

TE Part #CG3720-000
CI-5RL301



Documents

Product Drawings

12 MTE RCPT HSG SR LATCH .100

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-104257-1_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-104257-1_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-104257-1_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

Product Environmental Compliance

MD_1-104257-1_07272018332_dmtec

English

MD_1-104257-1_07272018332_dmtec

English

1-104257-1

AMPMODU MTE, Housing, Receptacle, Wire-to-Board, 12 Position, 2.54 mm [.1 in]
Centerline, Crimp / Insulation Displacement (IDC), 1 Row, Black

