5-102398-1 ✔ ACTIVE

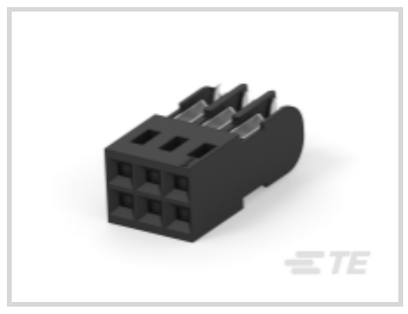
AMPMODU

TE Internal #: 5-102398-1

Connector Assembly, Receptacle, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Insulation Displacement (IDC), 2 Row, Black, Wire & Cable

View on TE.com >

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: **6**

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

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
Applied Pressure	Standard

Configuration Features

Number of Positions	6
Number of Rows	2

Housing Features

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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Compatible Insulation Diameter Range	1.27 mm[.05 in]
Connector Height	6.1 mm[.24 in]
Wire Size	26 – 22 AWG
Connector Length	7.62 mm[.3 in]

Body Features

Primary Product Color	Black

Mechanical Attachment

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

Contact Features

Contact Current Rating (Max)	3 A
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket

Operation/Application

Circuit Application	Signal

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Termination Resistance	12 mΩ
Dielectric Withstanding Voltage (Max)	750 V
Insulation Resistance	5000 MΩ

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476, CSA LR7189

Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Tray
Packaging Quantity	410

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME

Customers Also Bought



TE Part #5745782-4
15 MSFL RCPT RA 318 (IN,FM)



TE Part #8-6609107-1
CORCOM P SERIES MULTI-FUNCTION INLET FIL



TE Part #205204-4
CRIMP SNAP PLUG ASSY,SIZE 1



TE Part #66504-9
SOCKET CONTACT, 20 DF



TE Part #66506-3
20 DF PIN



TE Part #1496476-3
STD USB-A TO MINI-B ASSY 2.0M



TE Part #4-641435-2
12P MTA156 CONN ASSY ORNG



TE Part #1546670-4
4P .437" DR BARRIER,W/BND SCRW

Documents

Product Drawings

06 AMPMODU MT ASSY DR.100CL SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-102398-1_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-102398-1_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-102398-1_U.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

Product Specifications

Application Specification

English