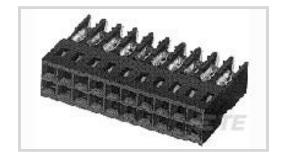
102448-7 - ACTIVE

AMPMODU

TE Internal #: 102448-7 Connector Assembly, Receptacle, Wire-to-Board, 18 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: **18**

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

Features

Product Type Features

Applied PressureStandardConnector Product TypeConnector AssemblyConnector & Housing TypeReceptacle



Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	18
Number of Rows	2
Electrical Characteristics	
Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Contact Features	
Contact Type	Socket
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3 A

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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
Mechanical Attachment	
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]
Housing Color	Black
Dimensions	
Connector Length	22.66 mm[.9 in]
Connector Height	6.1 mm[.24 in]
Accepts Wire Insulation Diameter Range	1.27 mm[.05 in]
Wire Size	.3 – .5 mm²
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application	
Circuit Application	Signal
Industry Standards	
Glow Wire Rating	Standard Part - Not Glow Wire
Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	130
Packaging Method	Tray
Product Compliance For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant

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China RoHS 2 Directive MIIT Order No 32, 2016

EU REACH Regulation (EC) No. 1907/2006

Restricted Materials Above Threshold

Current ECHA Candidate List: JAN 2022 (223)Candidate List Declared Against: JUL 2021 (219) 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.

Not Yet Reviewed for halogen content

Not applicable for solder process capability

Halogen Content

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-onreach



Compatible Parts



Customers Also Bought



102448-7

Connector Assembly, Receptacle, Wire-to-Board, 18 Position, 2.54 mm [.1 in] Centerline, Insulation Displacement (IDC), 2 Row, Black, Wire & Cable





Documents

Product Drawings 18 AMPMODU MT ASSY DR .100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_102448-7_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_102448-7_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_102448-7_T.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Pneumatic Pistol Grip Tool

English