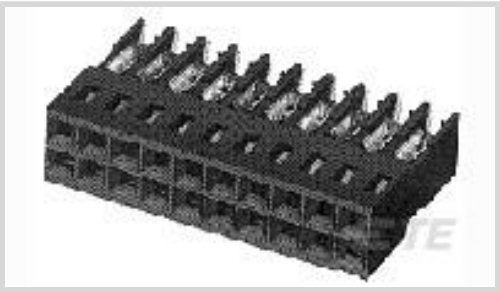




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **20**

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

Features

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	120

Contact Features

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

Dimensions

Compatible Insulation Diameter Range	1.27 mm[.05 in]
Connector Height	6.1 mm[.24 in]



Wire Size	26 – 22 AWG
Connector Length	25.4 mm[1 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Housing Features

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

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	20
Number of Rows	2

Body Features

Primary Product Color	Black
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Termination Features

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

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

Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



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



Customers Also Bought



TE Part #647401-3
03P SL156 HSG W/RAMP,LRG OPEN

TE Part #2273002-1
M8 x 1.0 straight plug Pigtail

TE Part #6-6609930-8
PE000DHXB=C2382

TE Part #T4162124004-002
RPC-M12-4MS-1.0SH-M12-4FR-PUR

TE Part #102536-6
16 AMPMODU MT COVER DR .100CL

TE Part #5-103974-3
5X4 MTE RCPT SR PLAIN .100CL

TE Part #2-342184-1
TAPE MOUNTED FEPG 12-10 R/T

TE Part #5-103946-1
8X2 MTE SHRD PIN SR POL .100CL

TE Part #102536-8
20 AMPMODU MT COVER DR .100CL

TE Part #465520-3
FLANGE

Documents

Product Drawings

20 AMPMODU MT ASSY DR .100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-102398-8_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-102398-8_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-102398-8_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