

2MM-RC-S03-BX ✓ ACTIVE

AMPMODU | AMPMODU 2 mm

TE Internal #: 2316102-3

Housing, Receptacle, Wire-to-Board, 3 Position, 2 mm [.079 in]
Centerline, Crimp Snap-In, 1 Row, Black, Wire & Cable, Signal,
AMPMODU 2 mm

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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: **3**

Centerline (Pitch): **2 mm [.079 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	3
Number of Rows	1

Electrical Characteristics

Insulation Resistance	1000 M Ω
Operating Voltage	125 V

Contact Features

Contact Retention Within Housing	With
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp Snap-In
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
PCB Mount Alignment	Without
Panel Mount Feature	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2 mm [.079 in]
Housing Color	Black

Dimensions

Wire Size	24 – 30 AWG
Row-to-Row Spacing	2 mm [.079 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
UL File Number	E28476
UL Rating	Recognized
Agency/Standard	UL

Packaging Features

Packaging Method	Tube
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
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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 2022 (224)

Candidate List Declared Against: JAN 2022 (223)

SVHC > Threshold:
Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not reviewed 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 # 2842104-3
3P,2MM,BRK HDR,SRVT,SMD,0.76AU,TR W/CAP



TE Part # 2842110-3
3P,2MM,BRK HDR,SRRT,2.8,0.1AU,TB



TE Part # 2842111-3
3P,2MM,BRK HDR,SRRT,2.8,0.38AU,TB



TE Part # 2842112-3
3P,2MM,BRK HDR,SRRT,2.8,0.76AU,TB



TE Part # 2842122-3
3P,2MM,BRK HDR,SRRT,2.8,0.1AU,BOX



TE Part # 2842123-3
3P,2MM,BRK HDR,SRRT,2.8,0.38AU,BOX



TE Part # 2842124-3
3P,2MM,BRK HDR,SRRT,2.8,0.76AU,BOX



TE Part # 3-2316113-4
2MM,REC,CNT,CRIMP,24-28AWG,0.1UM,LP



TE Part # 5-2316113-6
2MM,REC,CNT,CRIMP,24-28AWG,0.76UM,LP



TE Part # 4-2316113-5
2MM,REC,CNT,CRIMP,24-28AWG,0.38UM,LP



TE Part # 2-2316113-3
2MM,REC,CNT,CRIMP,24-28AWG,TIN,LP




TE Part # 3-2316114-4
2MM,REC,CNT,CRIMP,28-30AWG,0.1UM,LP


Also in the Series | **AMPMODU 2 mm**



PCB Headers & Receptacles(12661)



Wire-to-Board Connector Assemblies & Housings(109)



Wire-to-Board Connector Contacts(27)

Customers Also Bought



TE Part #T4113002041-000
M12,MALE,RA,A CODE,4P,PG9,GOLD



TE Part #182734-2
HE13/HE14 Contacts



TE Part #33458
TERMINAL,SOLIS R 12-10 1/4



TE Part #7-87499-2
01 MODIV HSG COMP SR .100CL



Documents

Product Drawings

[3P,2MM,REC,HSG,SR,CRIMP,PLAIN,BOX](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2316102-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2316102-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2316102-3_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English