3-111623-0 ✔ ACTIVE

AMP-LATCH

TE Internal #: 3-111623-0

Ribbon Cable Connectors, Wire-to-Board, 8 Position, 2 mm [.079 in] Centerline, 2 Row, Receptacle, Low Profile, Polarization Mating Alignment Type

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors







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

Number of Positions: **8**

Centerline (Pitch): **2 mm [.079 in]**

Row-to-Row Spacing: **2 mm [.1 in]**

Number of Rows: **2**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	125 VAC

Body Features

Daisy Chain	Without
Primary Product Color	Black
Connector Profile	Low

Contact Features

Mating Square Post Dimension	.5 mm[.02 in]
Mating Pin Diameter	.5 mm[.02 in]
Contact Type	Socket
Wire Contact Termination Area Plating Thickness	.127 µm[5 µin]
Wire Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Shape & Form	Single Beam
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Ejection Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Polyester
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Length	13.18 mm[.519 in]
Connector Height	8.48 mm[.334 in]
Connector Width	5.58 mm[.22 in]
Wire Size	.08 mm^2
Compatible Insulation Diameter Range	.71 - .87 mm[.028 - .034 in]
Row-to-Row Spacing	2 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	100
Packaging Method	Box & Tray, Tray

Product Compliance

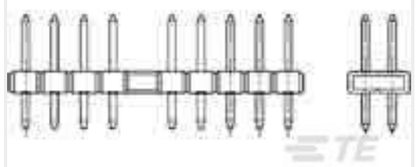
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

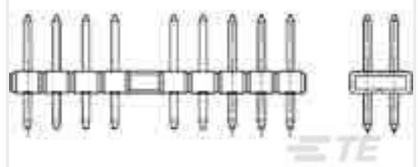
Product Compliance Disclaimer

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 # 5176264-3
AMPMODU 2MM V 8P AU:0.2 BLACK



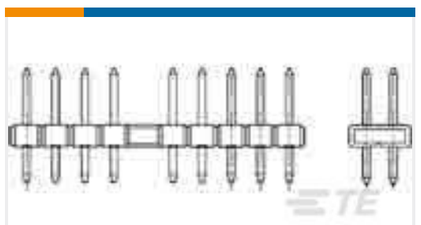
TE Part # 1-5176264-8
08 AMPMODU 2MM DR VERT MNT LF



TE Part # 4-5176837-9
08 AMPMODU 2MM, H, AU, LF



TE Part # 5176837-3
08 AMPMODU 2MM, H, AU, LF

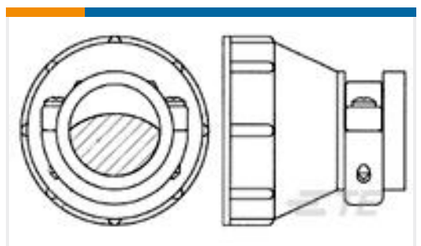


TE Part # 2-5178751-7
AMPMODU 2MM HDR V-TYPE ASSY

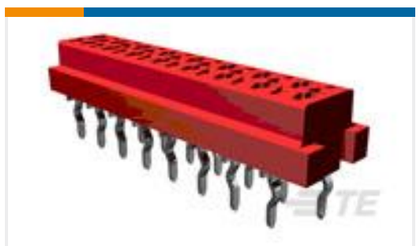
Customers Also Bought



TE Part # 208714-1
CMC PLUG ASSEMBLY,SZ 14-7



TE Part # 208945-7
SZ 22 UNASSM KIT,CMC



TE Part # 7-215079-6
MICRO-MATCH FOB.06P



TE Part # 4-1623732-3
BCHE 7 W 56R 5%



TE Part # 1-1734839-2
FPC CONN. 0.5MM PITCH T/C,12P



TE Part # 1609117-8
10EGS1-2=F8241



TE Part # 1-1478762-5
METAL BACKSHELL 15 WAY TOP E



TE Part # 2199249-4
Shield Finger, Loose Piece, Type B, 2.3 h



TE Part # 5-747909-2
15 Rcpt Solder Cup, Gold Flash



TE Part # CKA268N00250026000
940 EXTENSION, SPEEDTEC

Documents

Product Drawings

008 2MM CTR 30DP FT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-111623-0_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-111623-0_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-111623-0_K.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

Ribbon Cable Interconnect Solutions

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English