

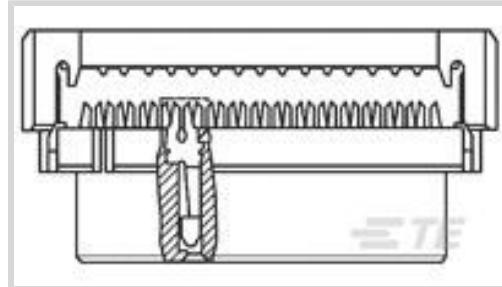
2-111626-1 ACTIVE**AMP-LATCH**

TE Internal #: 2-111626-1

Ribbon Cable Connectors, Wire-to-Board, 40 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: **40**

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

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

Number of Rows: **2**

Features

Product Type Features

Ribbon Cable Connector Header Type **Shrouded**

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 **40**

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)
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Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	45.19 mm[1.779 in]
Connector Height	8.48 mm [.334 in]
Connector Width	5.16 mm [.203 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]
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Operation/Application

Circuit Application	Signal
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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

30

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.

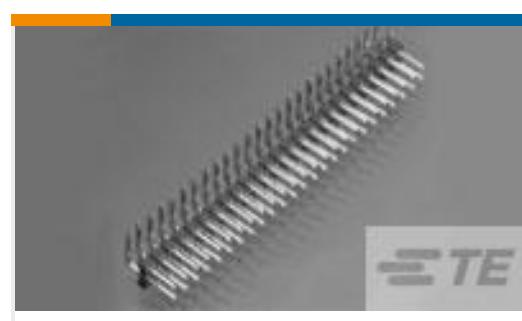
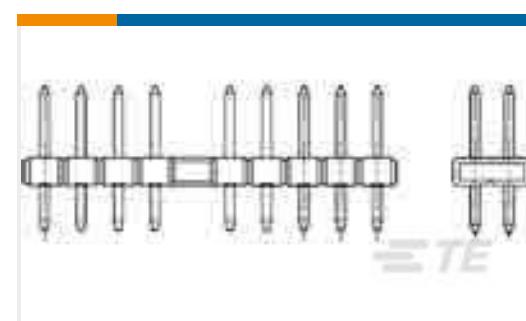
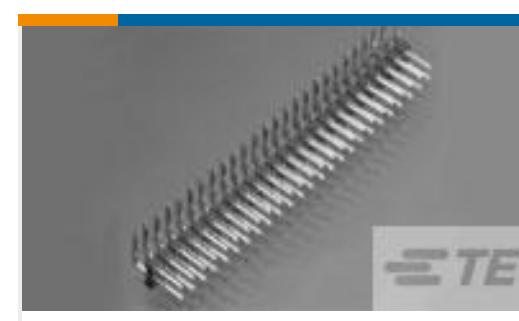
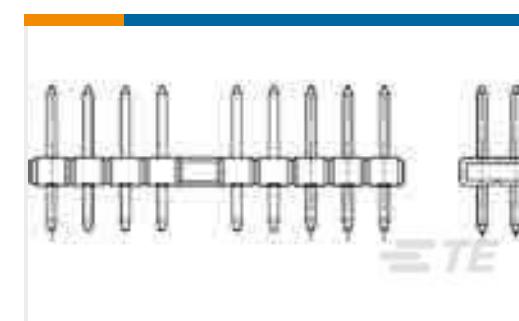
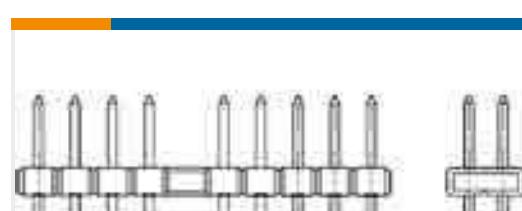
Solder Process Capability

Not applicable for solder process capability

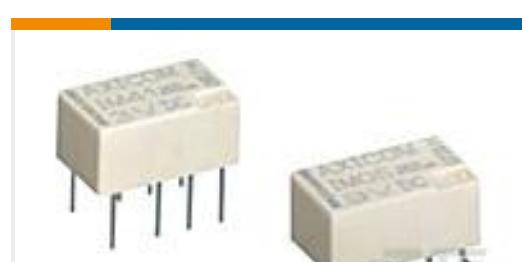
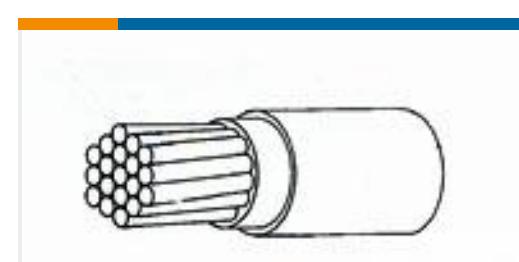
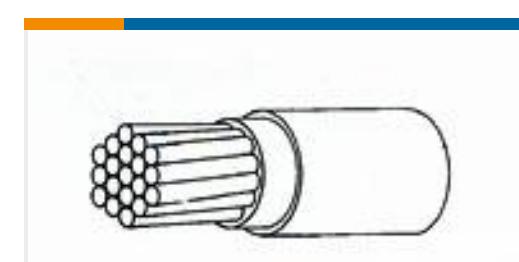
Product Compliance Disclaimer

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 # 1-5176837-9
40 AMPMODU 2MM, H, AU, LFTE Part # 3-5176264-4
40 AMPMODU 2MM DR VERT MNT LFTE Part # 5-5176837-2
50 AMPMODU 2MM, H, AU, LFTE Part # 1-5178751-9
AMPMODU 2MM HDR V-TYPE ASSYTE Part # 4-5178751-3
AMPMODU 2MM HDR V-TYPE ASSY

Customers Also Bought

TE Part # 1-1462037-8
IM03TS=IM RELAY 140mW 5VTE Part # 205164-1
AMPLIMITE,ASY,PLUG,STD,109,2TE Part # 218561-000
22759/34-20-0TE Part # 218684-000
22759/34-20-6

Documents

Product Drawings

[40, 2MM, 30 DP, LEAD FREE](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_2-111626-1_L.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2-111626-1_L.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2-111626-1_L.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English