



AMP-LATCH

TE Internal #: 2-111446-2
Wire-to-Wire, 34 Position, 2.54 mm [.1 in] Centerline, Vertical,
Through Hole - Solder, 2 Row, Plug, Low Profile, Ribbon Cable
Connectors

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



Connector System: **Wire-to-Wire**
Number of Positions: **34**
Centerline (Pitch): **2.54 mm [.1 in]**
PCB Mount Retention: **Without**
PCB Mount Retention Type: **Screw Mount**

Features

Product Type Features

Connector System	Wire-to-Wire
Connector & Housing Type	Plug
Connector & Contact Terminates To	Wire & Cable
Connector Product Type	Connector Assembly
Ribbon Cable Connector Header Type	Shrouded

Configuration Features

Number of Positions	34
PCB Mount Orientation	Vertical
Number of Rows	2

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Mechanical Attachment

PCB Mount Retention	Without
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PCB Mount Retention Type	Screw Mount
Mating Alignment Type	Keyed
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Panel Mount Feature	Without
Mating Alignment	With
PCB Mount Alignment	With

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Method to Wire & Cable	Insulation Displacement (IDC)

Dimensions

Row-to-Row Spacing	2 mm[.1 in]
Compatible Insulation Diameter Range	.81 – .97 mm[.032 – .038 in]
Shrouded End Dimension	3.81 mm[.15 in]
Connector Width	8.38 mm[.33 in]
Wire Size	28 – 26 AWG
Connector Height	14.48 mm[.57 in]
Connector Length	57.71 mm[2.272 in]

Body Features

Connector Profile	Low
Daisy Chain	Without
Primary Product Color	Black

Contact Features

Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material Thickness	.76 µm[30 µin][29.92 µin]
Wire Contact Termination Area Plating Material	Tin
Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Length	6.1 mm[.24 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Type	Pin

Operation/Application



Circuit Application	Signal
Solder Process Feature	Solder Dipped

Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VAC
Insulation Resistance	5000 MΩ

Industry Standards

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

Packaging Features

Packaging Quantity	50
Packaging Method	Tray, Box & Tray

Product Compliance

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

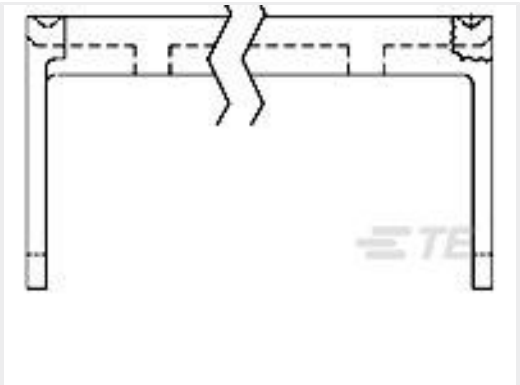
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 499252-6 034 STRAIN RELIEF A-L RCPT	 TE Part # 111547-8 034 UNIV I/O STRAIN RELIEF	 TE Part # 3-1437021-2 609-3431HD=FSKT IDC S 34 SR	 TE Part # 1-1658526-9 609-3441LF FEM SOCKET,LEAD FREE
 TE Part # 1658621-8 34 NOVO MIL/CTR 15DP,LEAD FREE	 TE Part # 1-1658526-8 609-3430LF FEM SOCKET,LEAD FREE	 TE Part # 1658622-8 34 NOVO MIL/CTR 30DP,LEAD FREE	 TE Part # 1658621-7 30 NOVO MIL/CTR 15DP,LEAD FREE
 TE Part # 1658620-8 34 NOVO MIL 15DP, LEAD FREE	 TE Part # 1658620-7 30 NOVO MIL 15DP, LEAD FREE	 TE Part # 1658623-7 30 NOVO MIL 30DP, LEAD FREE	 TE Part # 1658623-8 34 NOVO MIL 30DP, LEAD FREE
 TE Part # 2-1658527-8 622-3441LF=FSKT IDC S 34 30AU	 TE Part # 1658622-7 30 NOVO MIL/CTR 30DP,LEAD FREE	 TE Part # 1658624-8 034 NOVO DUAL 30DP FT	 TE Part # 1658624-7 30 NOVO DUAL 30DP, LEAD FREE



TE Part # 1658528-6
[636-3441LF FEM SOCKET, LEAD FREE](#)

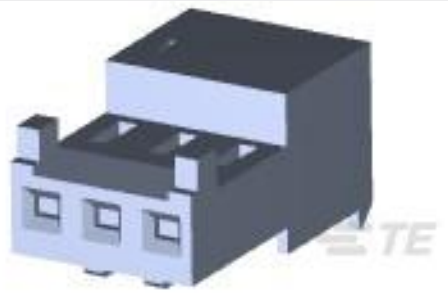


TE Part # 3-6437021-6
[609-3441CELF=FSKT IDC S 34 30A](#)

Customers Also Bought



TE Part #321233
[TERMINAL, PIDG SPD 16-14 8](#)



TE Part #3-643813-3
[03P MTA100 CONN ASSY POL RIB](#)



TE Part #7-215083-4
[MICRO-MATCH MOW.04P](#)



TE Part #735160
[TERM, RECPT, PIDG, FAST, .250, 16-14](#)



TE Part #150545-2
[110 MINI FASTON, REC., 24-20 AWG, TPBR](#)



TE Part #2160033004
[55A0111-22-4](#)



TE Part #102312-1
[UNIVERSAL HEADER LATCH](#)



TE Part #3823353004
[44A1121-24-2/6-9](#)



TE Part #234912-1
[EXT TOOL FOR POWER DBL LOK REC](#)

Documents

Product Drawings

[034 UNIV I/O 30DP NO EARS](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-111446-2_M.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_2-111446-2_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-111446-2_M.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

Agency Approvals

[Agency Approval Document](#)

English