

AMP-LATCH

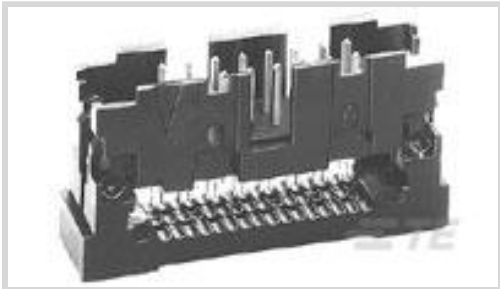
TE Internal #: 2-111446-6

Wire-to-Wire, 64 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: **64**  
Centerline (Pitch): **2.54 mm [.1 in]**  
PCB Mount Retention: **Without**  
PCB Mount Retention Type: **Screw Mount**

Features

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	30
Packaging Method	Tray, Box & Tray

Operation/Application

Solder Process Feature	Solder Dipped
Circuit Application	Signal

Contact Features

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
Contact Current Rating (Max)	1 A

Body Features

Daisy Chain	Without
Primary Product Color	Black
Connector Profile	Low

Dimensions

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	95.81 mm[3.772 in]
Row-to-Row Spacing	2 mm[.1 in]

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Product Type Features

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

Configuration Features

Number of Positions	64
PCB Mount Orientation	Vertical
Number of Rows	2

Usage Conditions

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






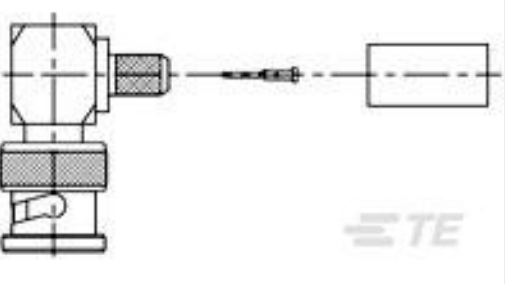
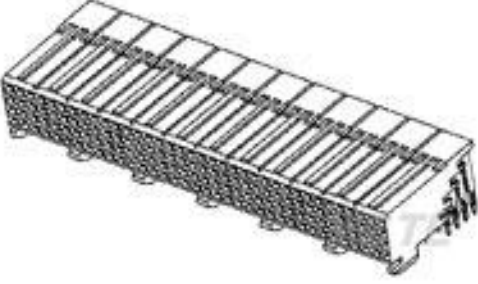



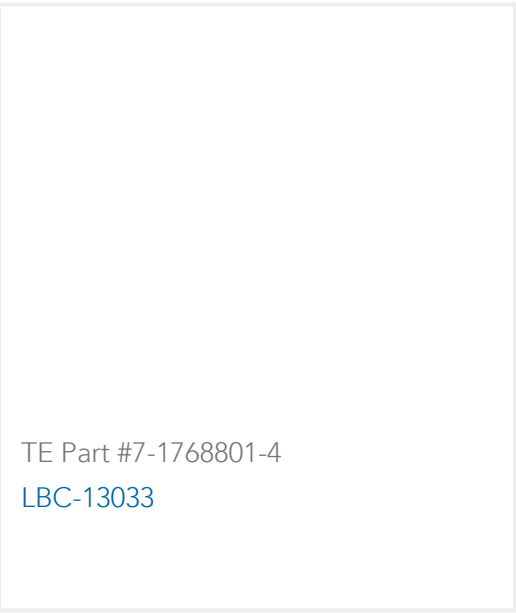
requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 <p>TE Part # 3-1658527-2 622-6441LF=FSKT IDC S 64 30AU</p>	 <p>TE Part # 1-499252-3 064 STRAIN RELIEF A-L RCPT</p>	 <p>TE Part # 2-1658528-3 636-6441LF=FEM SKT BLD POL/S.R.</p>	 <p>TE Part # 1-1658622-2 64 NOVO MIL/CTR 30DP,LEAD FREE</p>
 <p>TE Part # 1-111547-3 64 A/L UNIV I/O PIN STR RELIEF</p>	 <p>TE Part # 1-1658620-2 064 NOVO MIL 15DP FT</p>	 <p>TE Part # 1-1658621-2 64 NOVO MIL/CTR 15DP,LEAD FREE</p>	

Customers Also Bought

 <p>TE Part #6-534206-3 26 MODII VRT DR CE 100/115</p>	 <p>TE Part #175150-1 UNIVERSAL POWER CONN TAB</p>	 <p>TE Part #1-1337429-0 BNC Str Plg Hex 75Ohm Silver Pltd RG59B/</p>	 <p>TE Part #176289-1 UNIV POWER CAP HSG 12P F/H</p>
 <p>TE Part #1-1337478-0 SMB R/A Plg Hex 50Ohm Gold Pla</p>	 <p>TE Part #1-1337440-0 BNC R/A Plg Hex 75Ohm Silver Pltd RG179B</p>	 <p>TE Part #5536507-1 2MM FB,ASY,24,SIG,REC,SL,2.73</p>	 <p>TE Part #4-1437622-6 KN500B1/4=KNOB BLACK KNURL 1/4</p>



Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2-111446-6\\_M.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-111446-6\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-111446-6\\_M.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

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