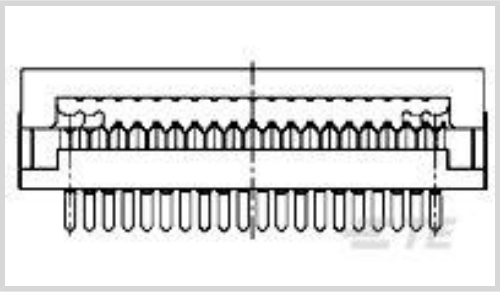




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



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

Number of Positions: **16**

Centerline (Pitch): **5.08 mm [.2 in]**

PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Through Hole - Solder**

Features

Product Type Features

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

Configuration Features

Number of Positions	16
PCB Mount Orientation	Vertical
Number of Rows	4

Body Features

Primary Product Color	Blue
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Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
PCB Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1 A

Termination Features



Rectangular Termination Post & Tail Width	.71 mm[.028 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
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Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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>

Customers Also Bought



TE Part #3-1393222-9
V23061A1007A302=MINISTARKSTROM



TE Part #4-1393240-5
RT334012



TE Part #7-1393243-6
RT424524



TE Part #1415899-5
RZ01-1A4-D024



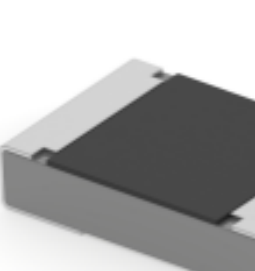
TE Part #1623819-9
SBL4 R022 5%



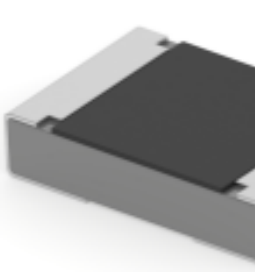
TE Part #1860995-1
RT16C01 PLASTIC RETAINING CLIP
LOW



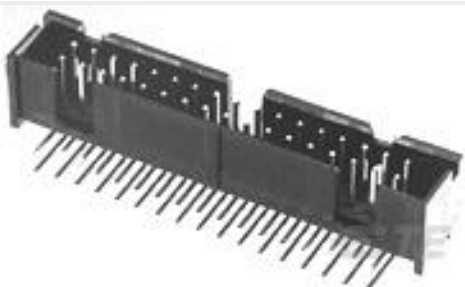
TE Part #4-2176231-5
3522 680R 1% 3W



TE Part #6-2176476-2
RA73F 2A 221R 0.1% 1K RL



TE Part #9-2176476-0
RA73F 2A 432R 0.1% 1K RL



TE Part #1-5103310-0
A/L LOW PRO HDR 50P RA BLACK

Documents

Product Drawings

609-1603LF = PCB IDC P 16 ST .062

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-6437006-1_A.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_1-6437006-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-6437006-1_A.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

[micro-match crimp on snap in male on wire connector](#)

English

Application Specification

English

Application Specification

English

[micro match miniature connector system](#)

English