

1-1658527-5 ✓ ACTIVE



AMP-LATCH

TE Internal #: 1-1658527-5

Ribbon Cable Connectors, Wire-to-Board, 50 Position, 2.54 mm [.1 in] Centerline, 2 Row, Receptacle, Polarization Mating Alignment Type, Wire & Cable

[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: **50**

Centerline (Pitch): **2.54 mm [.1 in]**

Row-to-Row Spacing: **2.54 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	50
Number of Rows	2

Body Features

Primary Product Color	Blue
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating Thickness	.127 μm[5 μin]
Wire Contact Termination Area Plating Material	Gold Flash
	30 μin



Contact Mating Area Plating Material	Gold
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Contact Current Rating (Max)	1 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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

Centerline (Pitch)	2.54 mm [.1 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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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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 # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



TE Part # 1-5103311-0
A/L LOW PRO HDR 50P RA BLACK



TE Part # 3-1761607-5
IDC LOW PRO HDR 50P RA LG LAT



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



TE Part # 1-5103308-0
A/L LOW PRO HDR 50P VERT BLACK



TE Part # 1-5103309-0
A/L LOW PRO HDR 50P VERT BLACK



TE Part # 1-1761606-5
IDC LOW PRO HDR 50P VERT LG LA



TE Part # 1-111446-7
50 UNIV I/O, NO EARS, LEAD FREE



TE Part # 1-1761607-5
IDC LOW PRO HDR 50P RA LG LAT
BLK



TE Part # 5104338-9
A/L LOW PRO HDR 50P VERT HT



TE Part # 104128-9
050 LOPRO HDR SP 30DP LATCH



TE Part # 3-1761603-5
IDC LOW PRO HDR 50P VERT BLUE



TE Part # 3-1761605-5
IDC LOW PRO HDR 50P RA BLUE



TE Part # 1-1761686-5
IDC LOW PRO HDR 50P VERT LG LAT



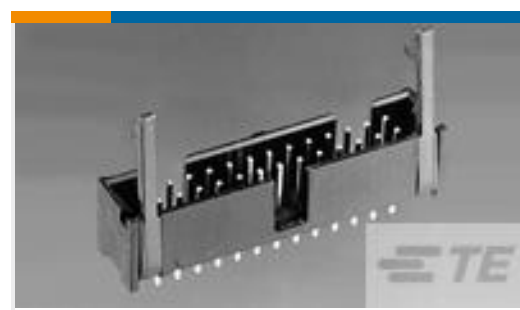
TE Part # 5104340-9
A/L LOW PRO HDR 50P RA HT



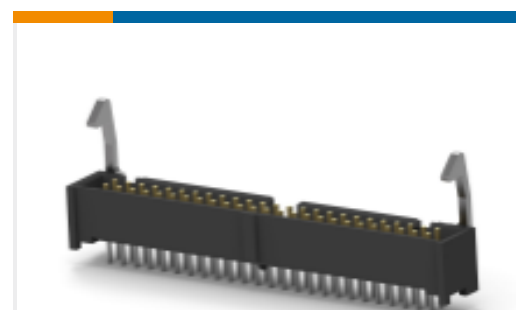
TE Part # 3-1761711-5
IDC LOW PRO HDR 50P VERT LG LA



TE Part # 1-1761681-5
IDC LOW PRO HDR 50P VERT HT
BLACK



TE Part # 3-1761712-5
IDC LOW PRO HDR 50P RA LG LAT



TE Part # 3-1761606-5
IDC LOW PRO HDR 50P VERT LG LA



TE Part # 1-111506-4
50 UNIV I/O, SLOTTED, LEAD FREE

Customers Also Bought



TE Part #2-1462037-7
IM06TS=IM RELAY 140mW 12V



TE Part #1676223-2
RN 0805 1K15 0.1% 10PPM 1KRL



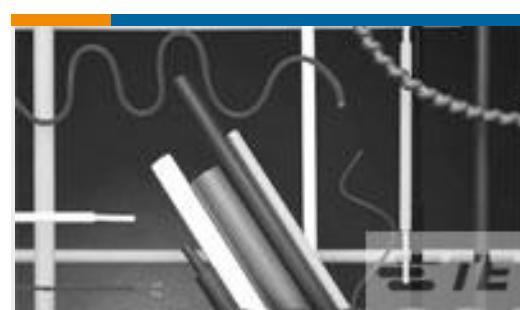
TE Part #1676280-2
RN 0805 29K4 0.1% 10PPM 1KRL



TE Part #1676295-2
RN 0805 2K87 0.1% 10PPM 1KRL



TE Part #1-1676123-0
1/2W SM M/OX 5% 2R0



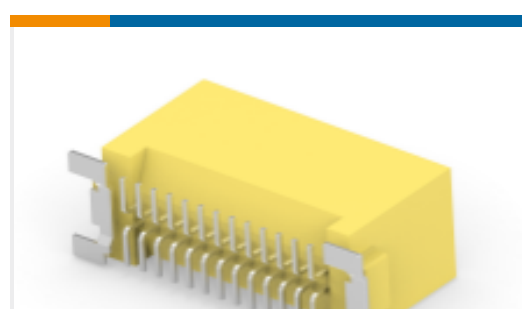
TE Part #5069804009
CGPT-1.6/0.8-0-SP



TE Part #2098978-1
52 POSITION HYBRID VERTICAL HE



TE Part #185534-3
26pos MQS .63 header 90deg



TE Part #6-185454-1
26W MQS HDR ASSY FOR SMT

Documents

Product Drawings

[622-5041LF FEM SOCKT, LEAD FREE](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1-1658527-5_C.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1-1658527-5_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1658527-5_C.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 Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

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

English