

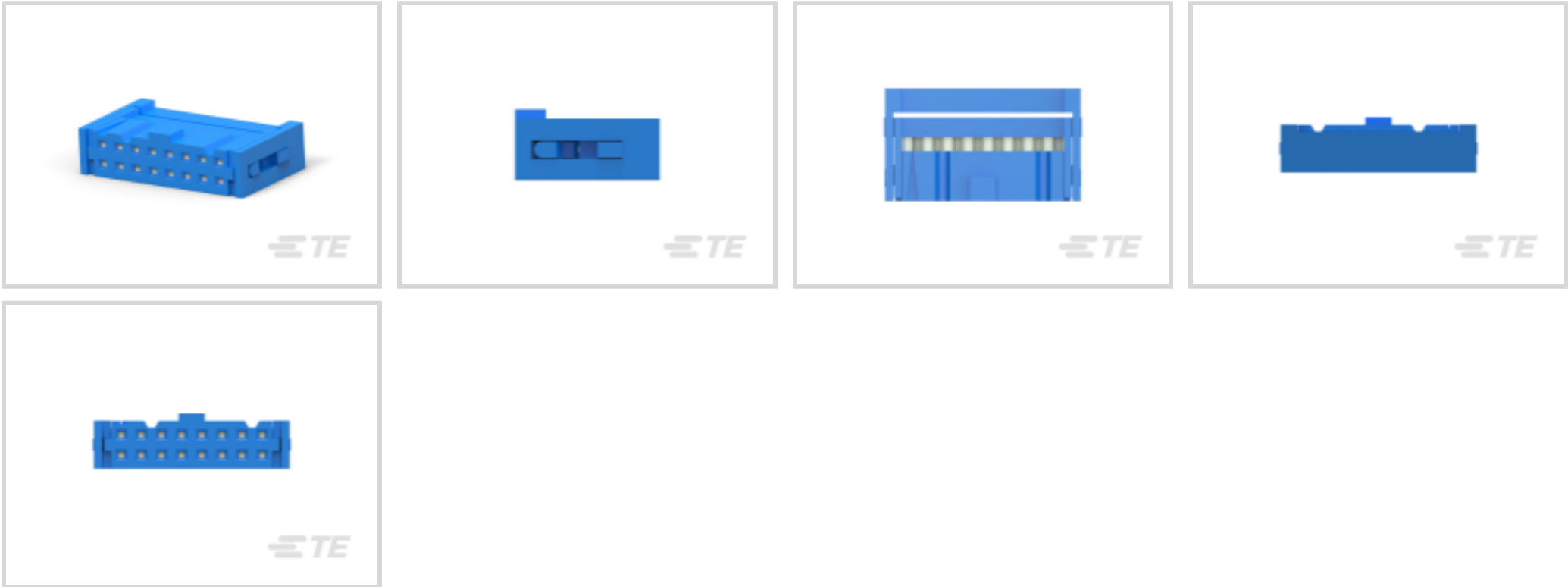


AMP-LATCH

TE Internal #: 2-1658526-9
Wire-to-Board, 16 Position, 2.54 mm [.1 in] Centerline, 2 Row,
Receptacle, Wire & Cable, Signal, Cable Mount (Free-Hanging),
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-Board**
Number of Positions: **16**
Centerline (Pitch): **2.54 mm [.1 in]**
Row-to-Row Spacing: **2.54 mm [.1 in]**
Number of Rows: **2**

Features

Termination Features

Rectangular Termination Post & Tail Width	.46 mm[.018 in]
Rectangular Termination Post & Tail Thickness	.36 mm[.014 in]
Termination Method to Wire & Cable	Insulation Displacement (IDC)

Body Features

Primary Product Color	Blue
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Contact Features

Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Thickness	2.54 – 5.08 μm[100 – 200 μin]
	30 μin
Wire Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1 A

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	16
Number of Rows	2

Mechanical Attachment

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

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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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.



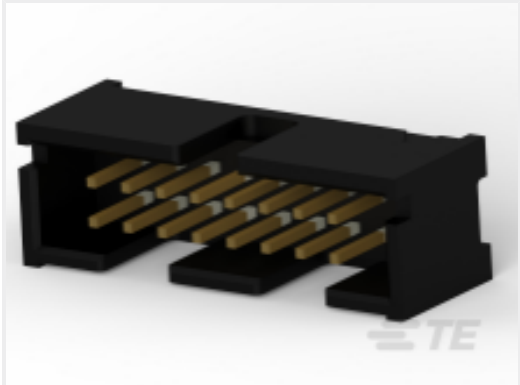
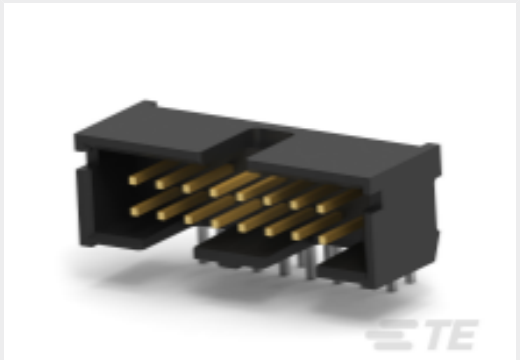
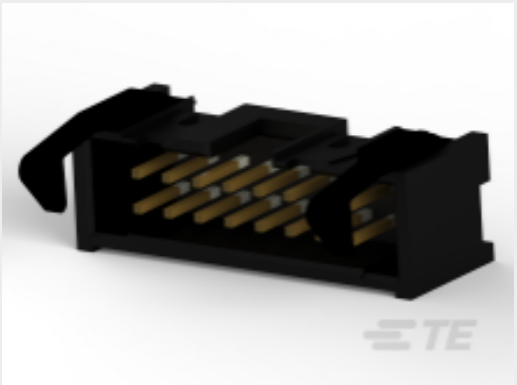
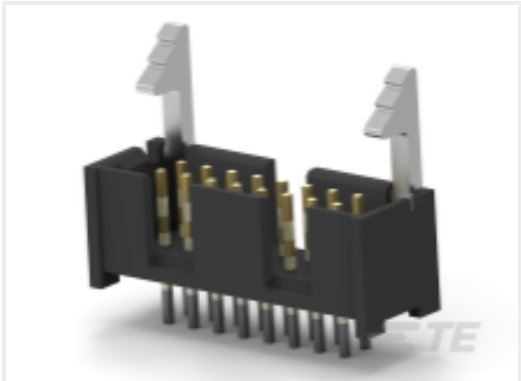
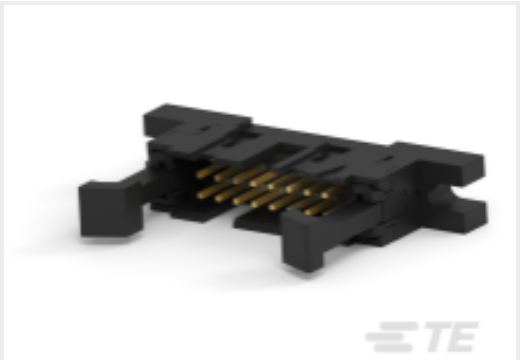
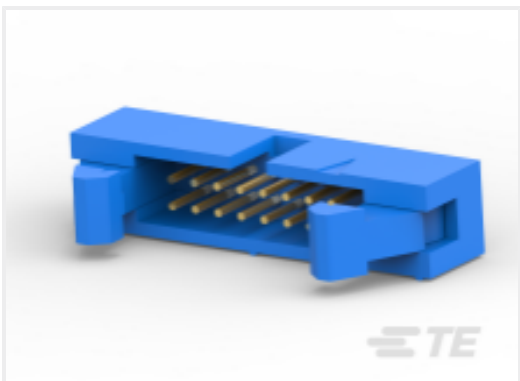
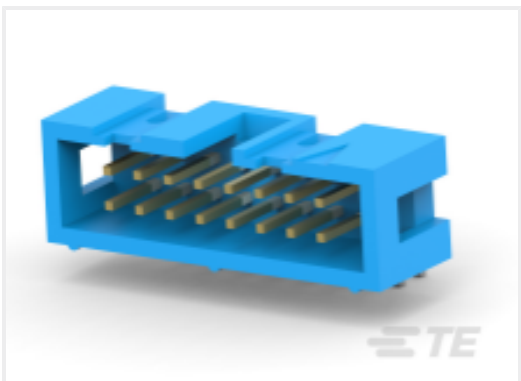
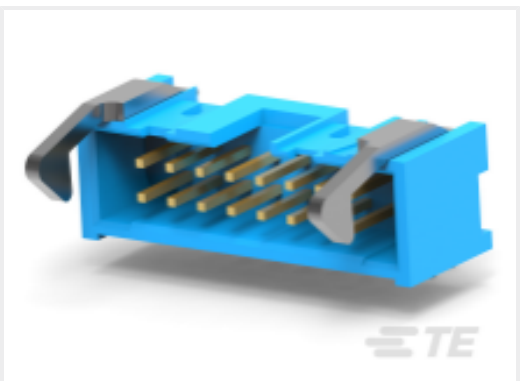
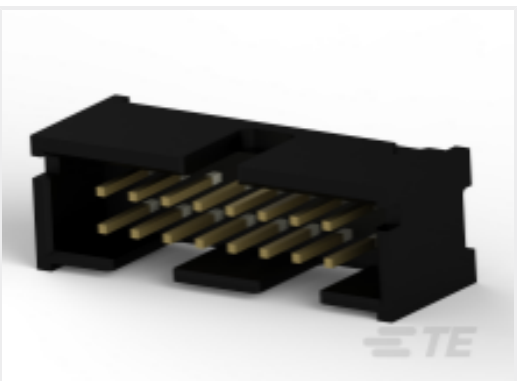
Solder Process Capability

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

 TE Part # 5103308-3 A/L LOW PRO HDR 16P VERT BLACK	 TE Part # 1761682-6 IDC LOW PRO HDR 16P RA HT BLACK	 TE Part # 5103311-3 A/L LOW PRO HDR 16P RA BLACK	 TE Part # 1761608-6 IDC LOW PRO HDR 16P VERT SHT LAT BLK
 TE Part # 5104340-3 A/L LOW PRO HDR 16P RA HT GRAY	 TE Part # 104313-3 016 LOPRO HDR SP 30DP LATCH	 TE Part # 1-111506-8 016 UNIV I/O 30DP SLOT LTCH	 TE Part # 1761686-6 IDC LOW PRO HDR 16P VERT LG LAT
 TE Part # 1761685-6 IDC LOW PRO HDR 16P VERT SHT LAT	 TE Part # 2-1761605-6 IDC LOW PRO HDR 16P RA BLUE	 TE Part # 2-1761609-6 IDC LOW PRO HDR 16P RA SHT LAT	 TE Part # 5104338-3 A/L LOW PRO HDR 16P VERT HT



TE Part # 5103310-3
A/L LOW PRO HDR 16P RA BLACK

TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS

TE Part # 6-1437020-6
609-1631HD=FSKT IDC S 16 SR

TE Part # 2-1761603-6
IDC LOW PRO HDR 16P VERT BLUE

TE Part # 1-111492-7
016 UNIV I/O 30DP NO EARS LTCH

TE Part # 2-1761608-6
IDC LOW PRO HDR 16P VERT SHT L

TE Part # 2-1761714-6
IDC LOW PRO HDR 16P RA SHT LAT

TE Part # 1761607-6
IDC LOW PRO HDR 16P RA LG LAT BLK

Customers Also Bought

TE Part #CAT-HST-RNF3000
RNF-3000 Heat Shrink Tubing

TE Part #2898296001
CGPT-R-12.7-45

TE Part #1515747-1
INSERT ASSEMBLY, 4xMM, PRO BEAM Jr.

TE Part #1515740-1
INSERT ASSY, 4 X 1310/1550 SM, JR

TE Part #1515739-1
INSERT ASSY, 2 X 1310/1550 SM, JR

TE Part #1515867-1
PROTECTIVE CAP, PLUG, PRO BEAM JR.

Documents

Product Drawings
609-1630LF=FSKT IDC S 16 30AU
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1658526-9_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-1658526-9_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1658526-9_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

Instruction Sheets

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

English