

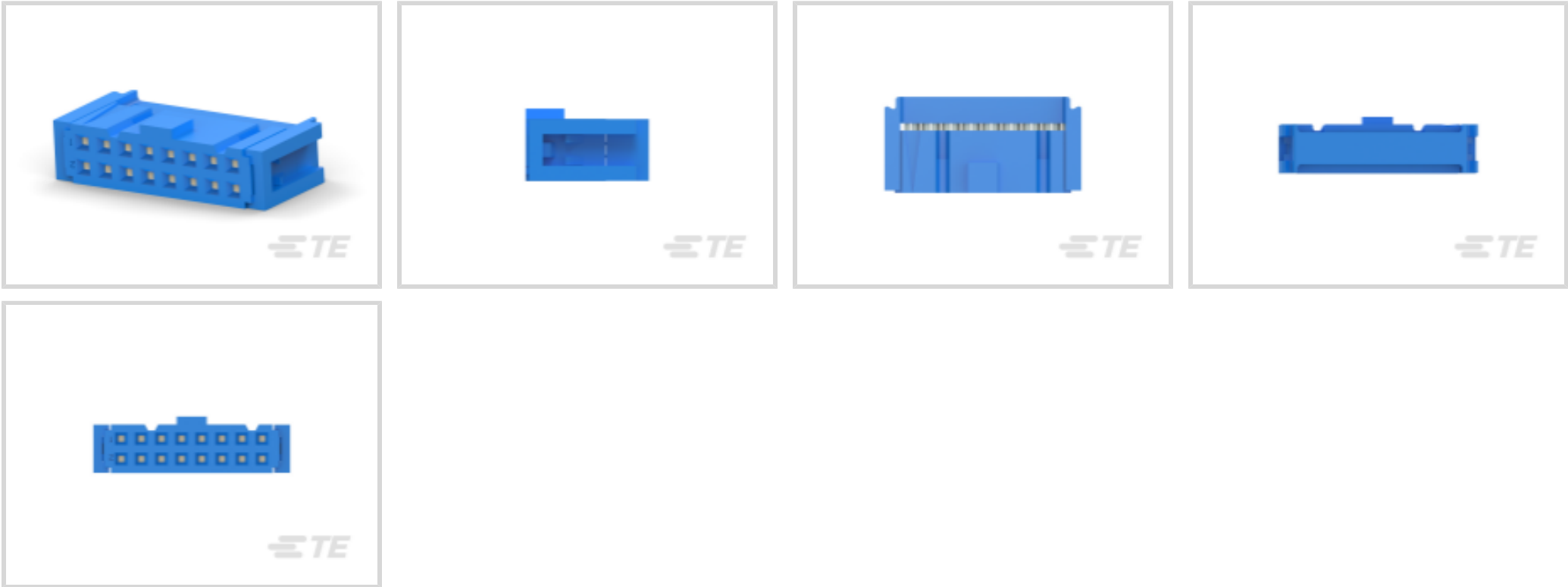


AMP-LATCH

TE Internal #: 1658527-7
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

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

Body Features

Primary Product Color	Blue
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Contact Features

Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Thickness	.127 μm[5 μin]
	30 μin
Wire Contact Termination Area Plating Material	Gold Flash



Mating Square Post Dimension	.64 mm[.025 in]
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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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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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

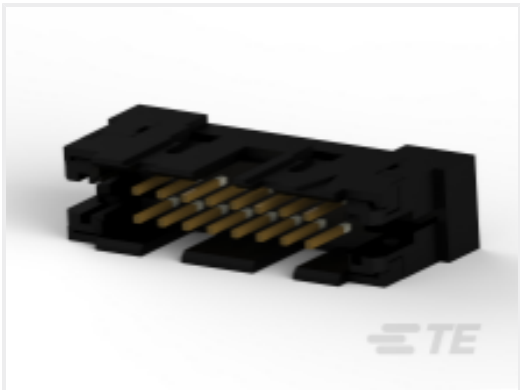
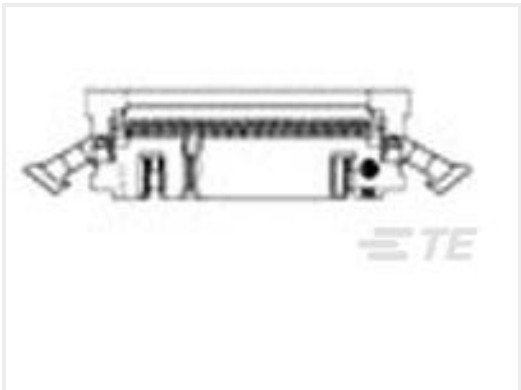
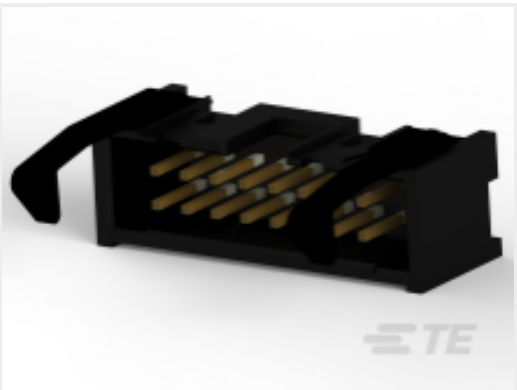
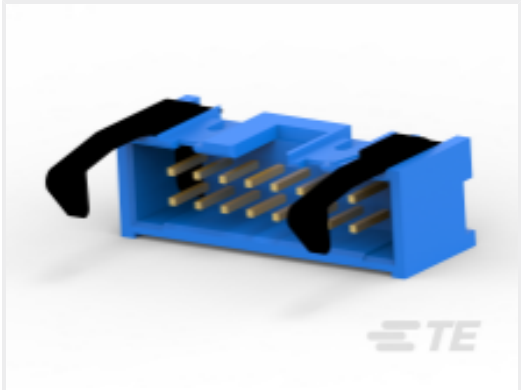
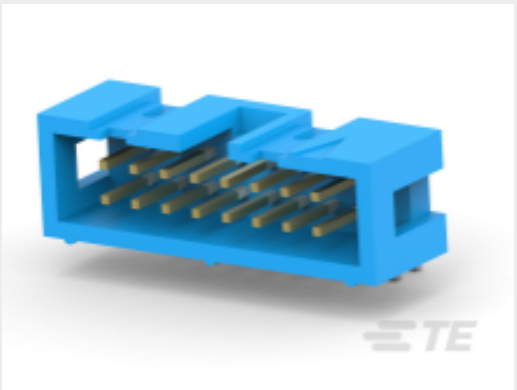
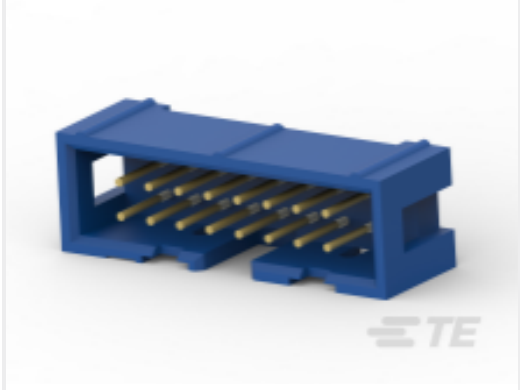
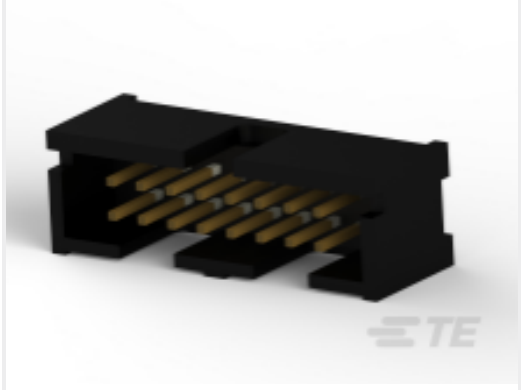
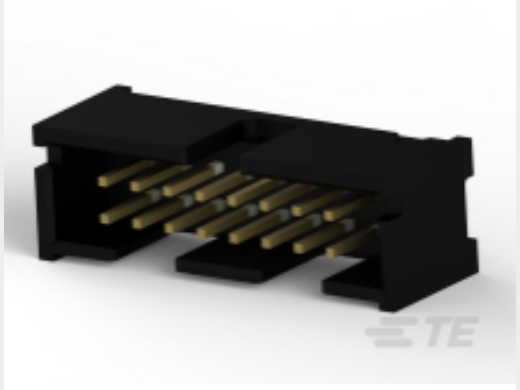
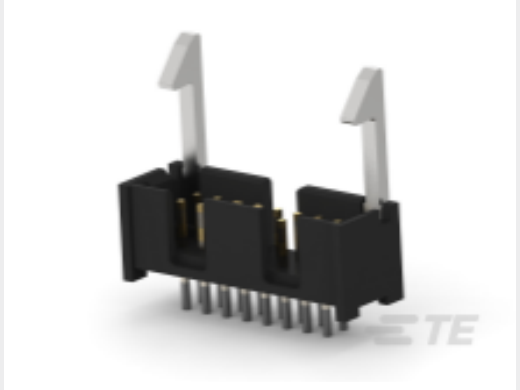
Product Compliance Disclaimer

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 # 1-111446-6 16 UNIV I/O, NO EARS,LEAD FREE	 TE Part # 1-111504-6 016 UNIV I/O 30DP NO EARS LTCH	 TE Part # 2-1761607-6 IDC LOW PRO HDR 16P RA LAT	 TE Part # 1761606-6 IDC LOW PRO HDR 16P VERT LAT BLK
 TE Part # 1761681-6 IDC LOW PRO HDR 16P VERT HT BLACK	 TE Part # 2-1761606-6 IDC LOW PRO HDR 16P VERT LAT BLUE	 TE Part # CAT-AM74-UN384H AMP-LATCH UNIVERSAL HEADERS	 TE Part # 2-1761605-6 IDC LOW PRO HDR 16P RA BLUE
 TE Part # 2-1761603-6 IDC LOW PRO HDR 16P VERT BLUE	 TE Part # 5103310-3 A/L LOW PRO HDR 16P RA BLACK	 TE Part # 5104338-3 A/L LOW PRO HDR 16P VERT HT	 TE Part # 5104340-3 A/L LOW PRO HDR 16P RA HT GRAY
 TE Part # 1761682-6 IDC LOW PRO HDR 16P RA HT BLACK	 TE Part # 1-111506-8 016 UNIV I/O 30DP SLOT LTCH	 TE Part # 104128-3 016 LOPRO HDR SP 30DP LATCH	 TE Part # 1761686-6 IDC LOW PRO HDR 16P VERT LAT



TE Part # 5103311-3
A/L LOW PRO HDR 16P RA BLACK

TE Part # 5103308-3
A/L LOW PRO HDR 16P VERT BLACK

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

TE Part # 2-1761679-6
IDC LOW PRO HDR 16P VERT BLUE

Customers Also Bought

TE Part #1624323-8
UPW50 0.1% 5PPM 20K

TE Part #1658527-5
622-1430LF FEM SOCKT,LEAD FREE

TE Part #1-1879378-2
TLR 2512 2.0W R003 1% 150PPM 2K RL

TE Part #1057780-1
3152 1201 10,TNC FLANGE JACK

TE Part #2-1761606-6
IDC LOW PRO HDR 16P VERT LAT BLUE

TE Part #1658525-9
622-2053LF, PCB IDC, LEAD FREE

TE Part #5-146281-6
06 MODII HDR SRST B/A .100CL

TE Part #2-2176158-4
TLM 2512 1.0W R027 1% 50PPM 4K RL

TE Part #1658525-8
622-1653LF, PCB IDC, LEAD FREE

TE Part #800604-SF
FN2020-6-06

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658527-7_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658527-7_C.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_1658527-7_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