

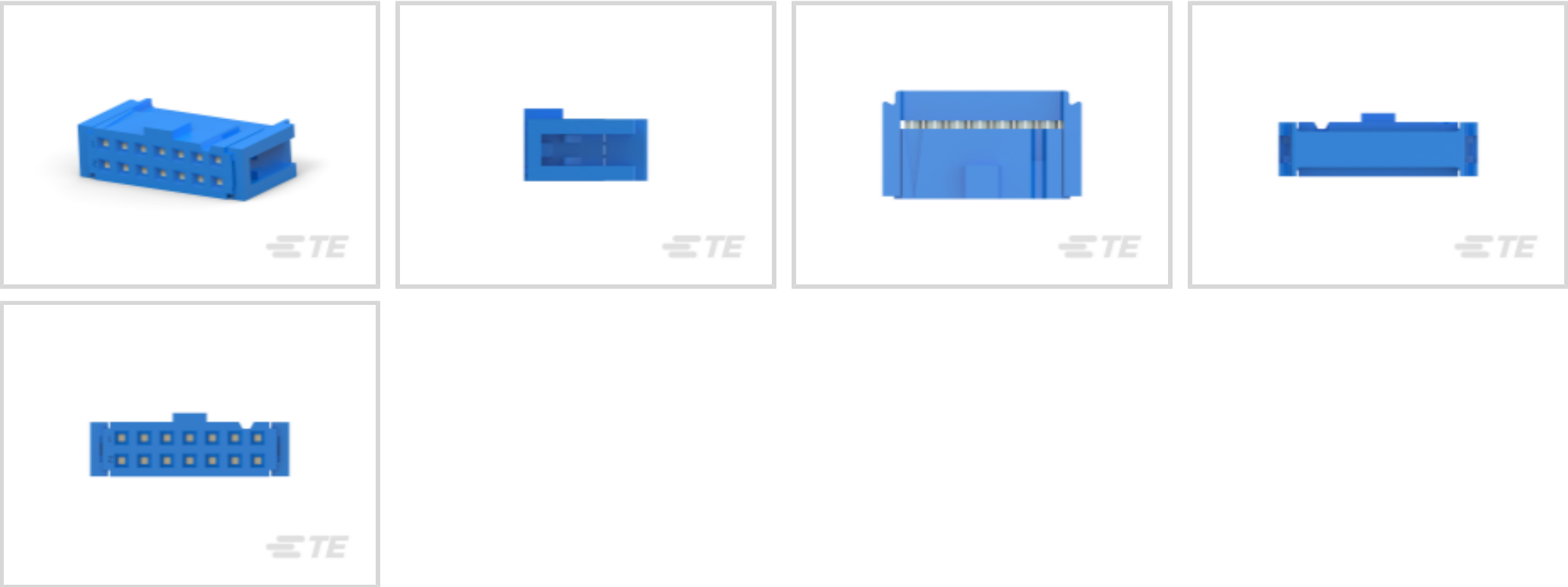


AMP-LATCH

TE Internal #: 1658527-5
Ribbon Cable Connectors, Wire-to-Board, 14 Position, 2.54mm [.1in] Centerline, Insulation Displacement Crimp (IDC), Row-to-Row Spacing 2.54 mm [.1 in]

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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: **14**
Centerline (Pitch): **2.54 mm [.1 in]**
Termination Method to Wire & Cable: **Insulation Displacement Crimp (IDC)**
Row-to-Row Spacing: **2.54 mm [.1 in]**

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

Compatible With Wire & Cable Type	Ribbon Cable
Number of Positions	14
Number of Rows	2

Contact Features

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



Contact Current Rating (Max)	1 A
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Termination Features

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

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

Housing Features

Housing Color	Blue
Centerline (Pitch)	2.54 mm[.1 in]

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

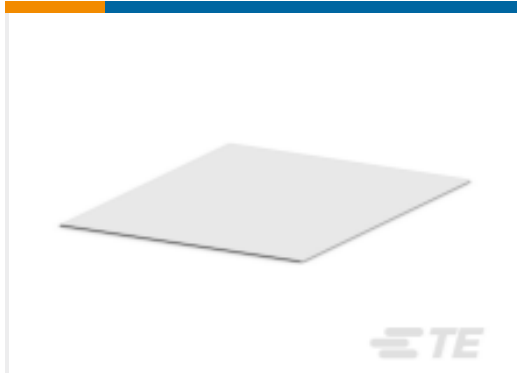
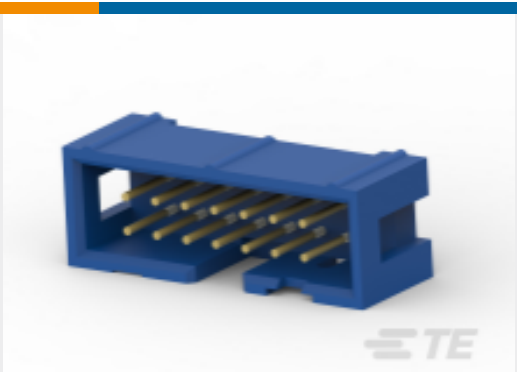
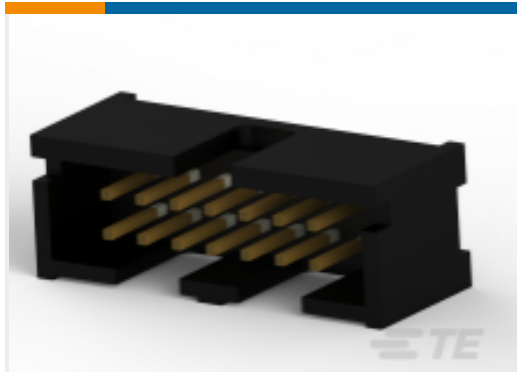
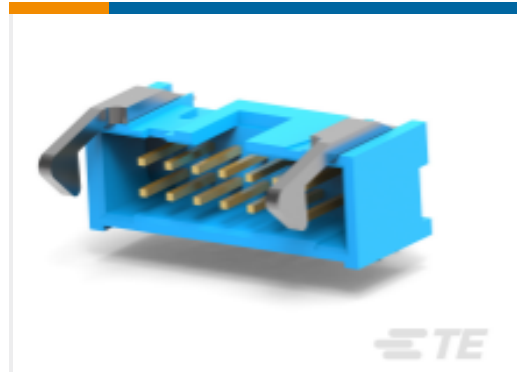
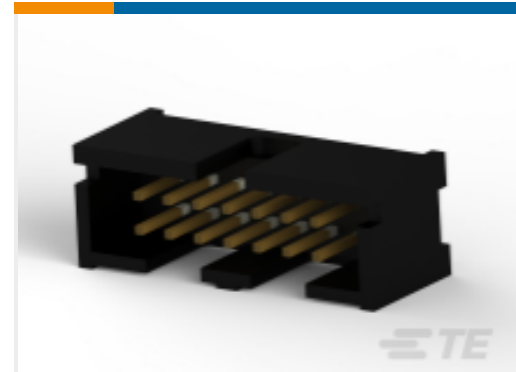
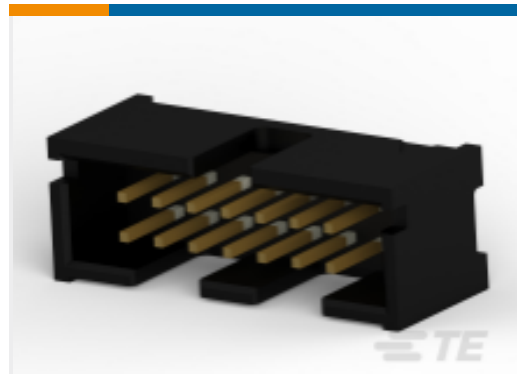
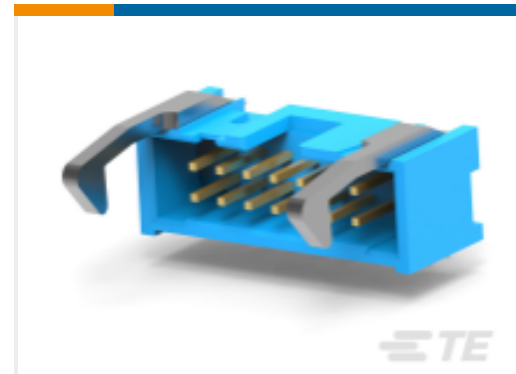
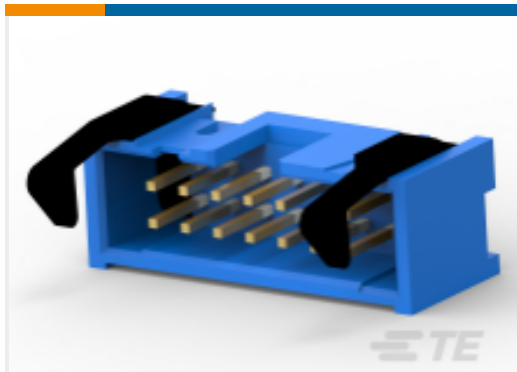
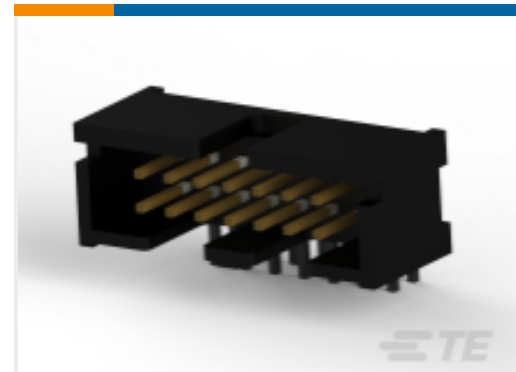
Product Compliance Disclaimer

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 # CAT-AM74-UN384H AMP-LATCH UNIVERSAL HEADERS	 TE Part # CAT-AM71-A85 Ribbon Cable Connector: Pull Loop	 TE Part # 104128-2 014 LOPRO HDR SP 30DP LATCH	 TE Part # 1761606-5 IDC LOW PRO HDR 14P VERT LG LA
 TE Part # 2-1761603-5 IDC LOW PRO HDR 14P VERT BLUE	 TE Part # 5103309-2 A/L LOW PRO HDR 14P VERT BLACK	 TE Part # 2-1761609-5 IDC LOW PRO HDR 14P RA SHT LAT BLUE	 TE Part # 5103310-2 A/L LOW PRO HDR 14P RA BLACK
 TE Part # 1761607-5 IDC LOW PRO HDR 14P RA LG LAT BLK	 TE Part # 1-111446-5 14 UNIV I/O, NO EARS, LEAD FREE	 TE Part # 5103308-2 A/L LOW PRO HDR 14P VERT BLACK	 TE Part # 2-1761607-5 IDC LOW PRO HDR 14P RA LG LAT
 TE Part # 1761608-5 IDC LOW PRO HDR 14P VERT SHT L	 TE Part # 2-1761608-5 IDC LOW PRO HDR 14P VERT SHT L	 TE Part # 1761609-5 IDC LOW PRO HDR 14P RA SHT LAT	 TE Part # 5103311-2 A/L LOW PRO HDR 14P RA BLACK



TE Part # 5104338-2
A/L LOW PRO HDR 14P VERT HT

TE Part # 1-111492-6
014 UNIV I/O 30DP NO EARS LTCH

TE Part # 1-111504-5
014 UNIV I/O 30DP NO EARS LTCH

TE Part # 2-1761605-5
IDC LOW PRO HDR 14P RA BLUE

Customers Also Bought

TE Part #1-292250-2
CT 2mm Post Header Assembly Box H Kink

TE Part #66102-6
III+ PIN,24-20,30AU>10,STRIP

TE Part #103906-6
07 MTE HDR SRRA LATCH .100CL

TE Part #1051151-1
2007 7941 02,SMA RA CABLE PLUG

TE Part #1052551-1
2052 1352 00,SMA FM JACK RECPT

TE Part #1658527-2
622-0630LF FEM SOCKT,LEAD FREE

TE Part #1-643075-4
Nylon PCB Connector Covers: 2.54 mm, MTA 100

TE Part #1609112-2
CORCOM C SERIES IEC UNFILTERED INLETS

TE Part #1-9711111-3
10W FRC MADISON SPEC 100-4703 REV. 7

TE Part #1-57040-7
Madison Spec 100-4703 Rev. 7

Documents

Product Drawings
622-1430LF FEM SOCKT,LEAD FREE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1658527-5_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1658527-5_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658527-5_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

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

English