

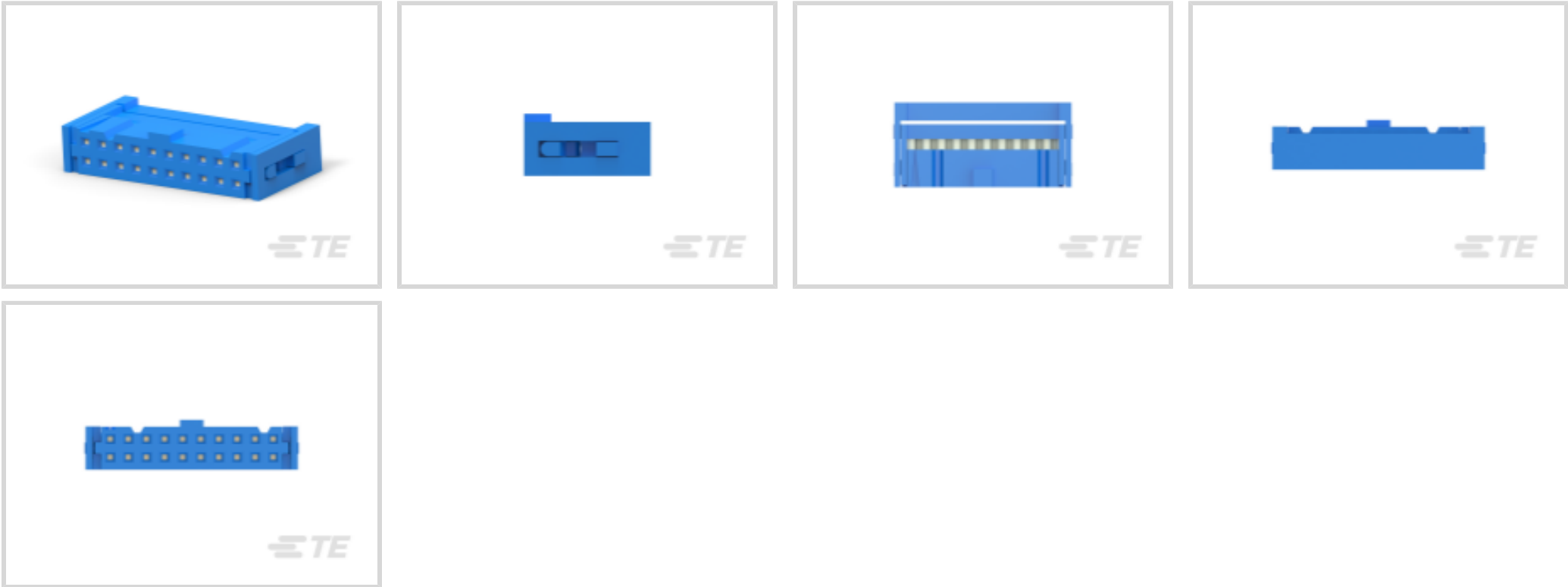


AMP-LATCH

TE Internal #: 1-1658526-3
Ribbon Cable Connectors, Wire-to-Board, 20 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: **20**
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	20
Number of Rows	2

Body Features

Primary Product Color	Blue
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Contact Features

Wire Contact Termination Area Plating Thickness	2.54 - 5.08 μm[100 - 200 μin]
Wire Contact Termination Area Plating Material	Tin
	30 μin
Contact Mating Area Plating Material	Gold



Contact Current Rating (Max)	1 A
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Termination Features

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

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	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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

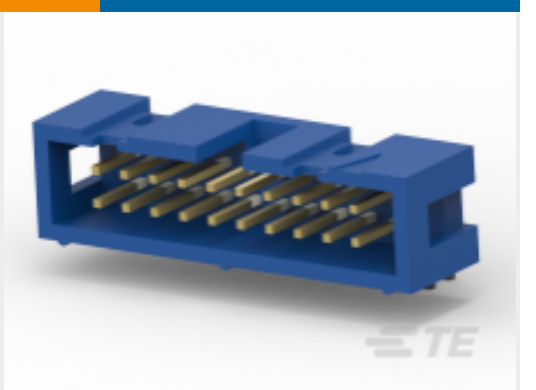
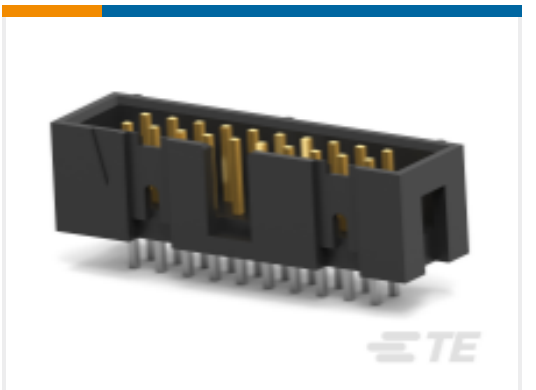
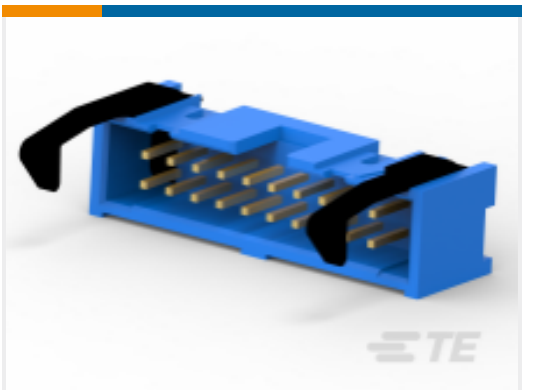
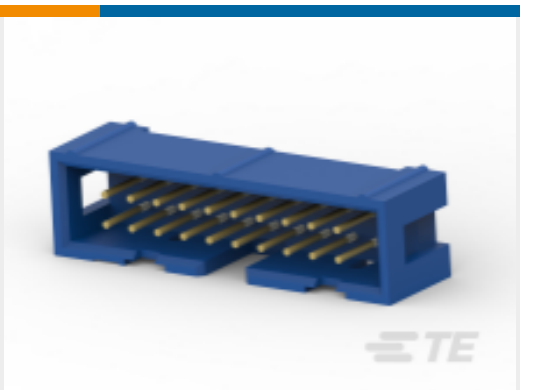
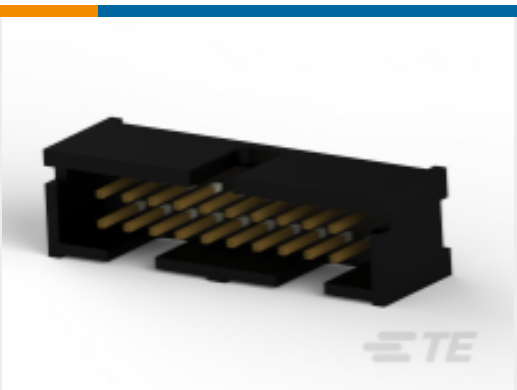
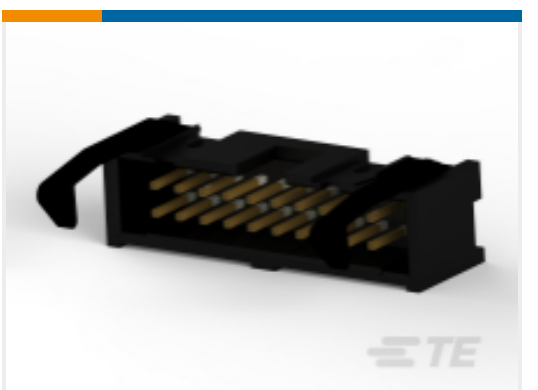
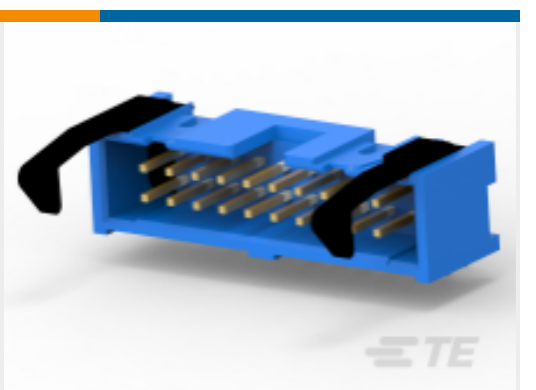
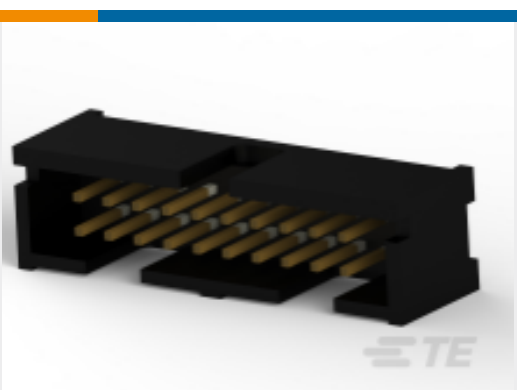
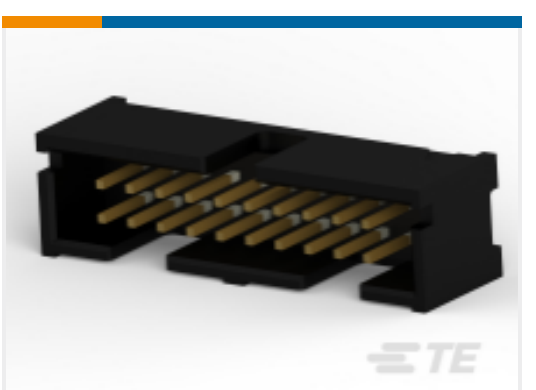
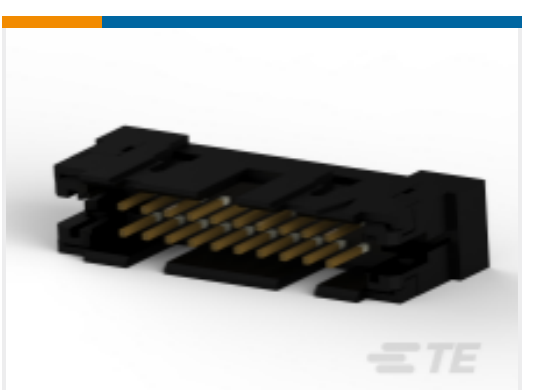
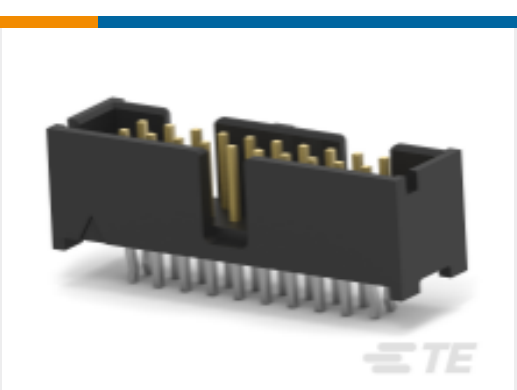
Product Compliance Disclaimer

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 # 102312-2 UNIVERSAL HEADER LATCH	 TE Part # 2-1761605-7 IDC LOW PRO HDR 20P RA BLUE	 TE Part # 1761607-7 IDC LOW PRO HDR 20P RA LG LAT
 TE Part # 1761681-7 IDC LOW PRO HDR 20P VERT HT BLACK	 TE Part # 2-1761606-7 IDC LOW PRO HDR 20P VERT LG LA	 TE Part # 2-1761603-7 IDC LOW PRO HDR 20P VERT BLUE	 TE Part # 5103310-5 A/L LOW PRO HDR 20P RA BLACK
 TE Part # 5103311-5 A/L LOW PRO HDR 20P RA BLACK	 TE Part # 1761606-7 IDC LOW PRO HDR 20P VERT LG LAT BLK	 TE Part # 2-1761607-7 IDC LOW PRO HDR 20P RA LG LAT	 TE Part # 5103309-5 A/L LOW PRO HDR 20P VERT BLACK
 TE Part # 5103308-5 A/L LOW PRO HDR 20P VERT BLACK	 TE Part # 1-111446-8 020 UNIV I/O 30DP NO EARS	 TE Part # 1-111504-7 020 UNIV I/O 30DP NO EARS LTCH	 TE Part # 5104338-4 A/L LOW PRO HDR 20P VERT HT

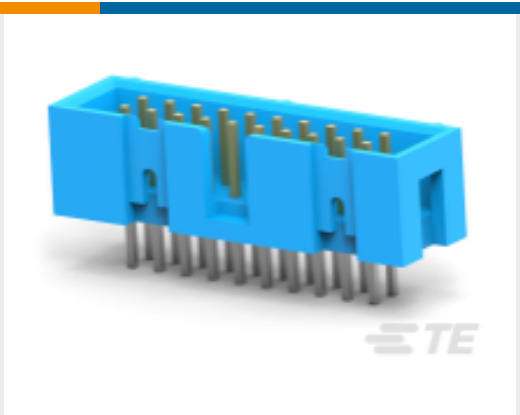




TE Part # 5111448-4
020 UNIV I/O 30DP SLOT



TE Part # 104130-4
020 LOPRO HDR RA 30DP LATCH



TE Part # 2-1761679-7
IDC LOW PRO HDR 20P VERT BLUE



TE Part # 5104340-4
A/L LOW PRO HDR 20P RA HT GRAY

Customers Also Bought



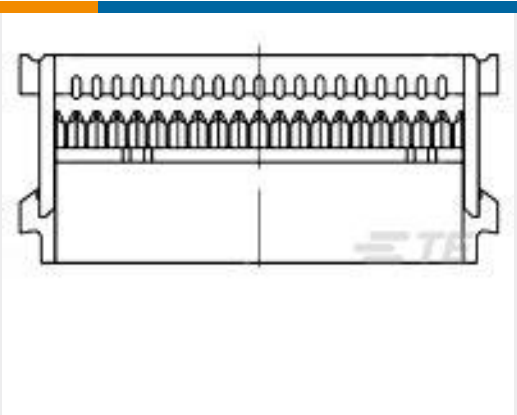
TE Part # 1971784-1
PTL TAB CONTACT, 16-19 AWG, 2X22 AWG



TE Part # 1-6609006-3
10EEJ1=F8017 S0



TE Part # 1658544-3
CONT,PIN,PLATED,20DF,STRIP,#22



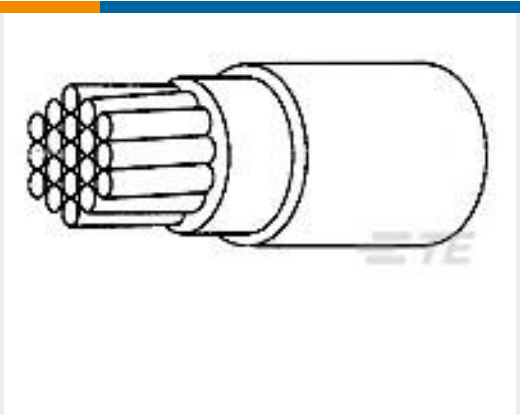
TE Part # 2-1658526-4
609-5041LF FEM SOCKT,LEAD FREE



TE Part # 5-2232362-3
PTL MFBL 1X3 PLUG HSG GLW WIRE NAT



TE Part # 2232723-1
PTL MFBL RECPT CONTACT, 16-19 AWG, 2X22



TE Part # 4857093001
99M0111-16-6



TE Part # 5-2232353-3
PTL MFBL 1X3 CAP PANEL MT GLW WIRE NAT

Documents

Product Drawings
609-2041LF FEM SOCKT,LEAD FREE

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1658526-3_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-1658526-3_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1658526-3_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