

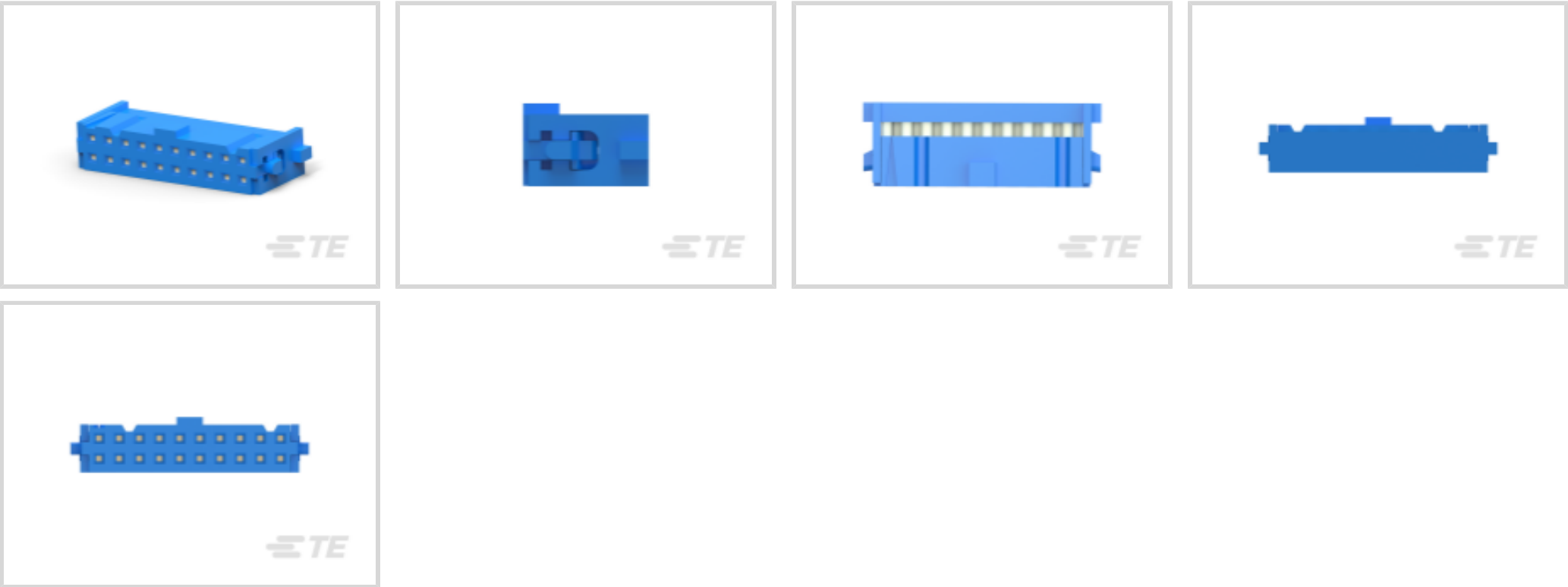


AMP-LATCH

TE Internal #: 1-1658526-2
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

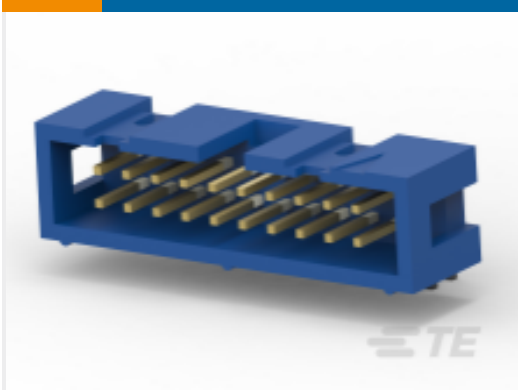
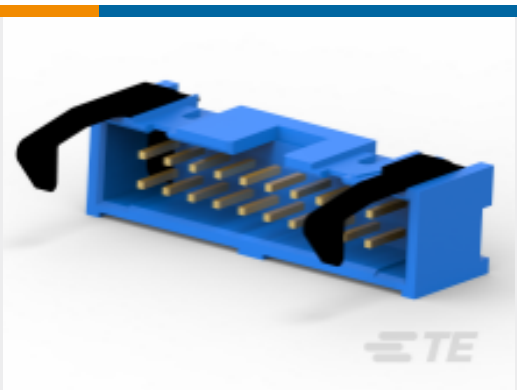
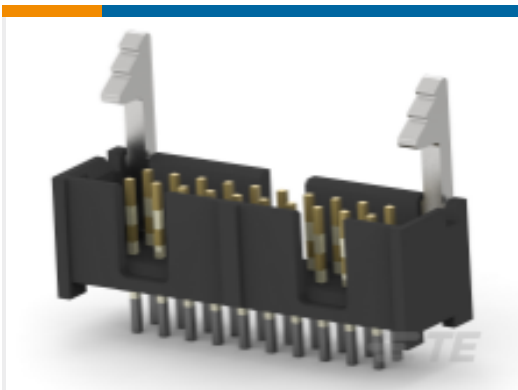
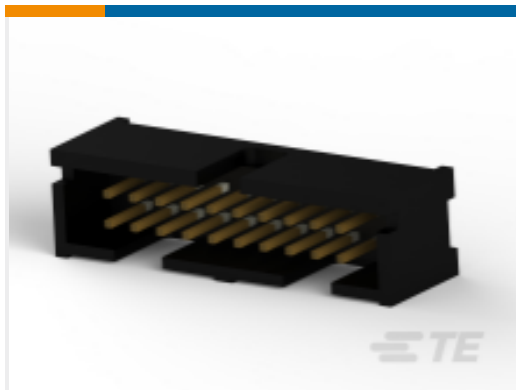
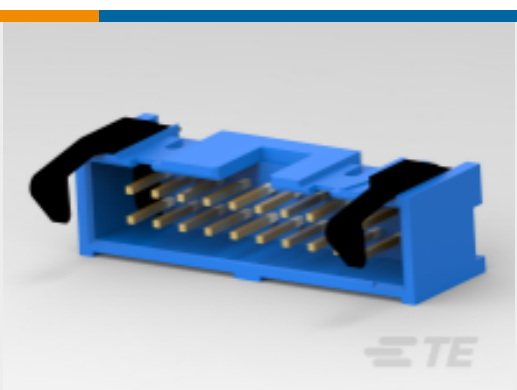
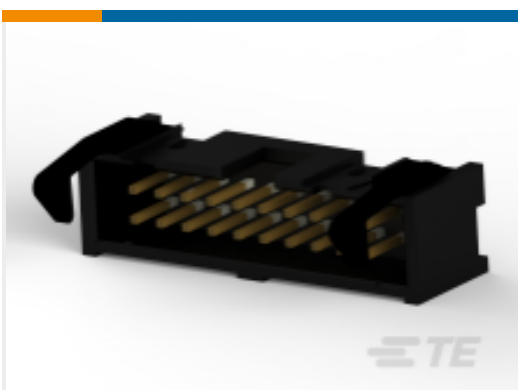
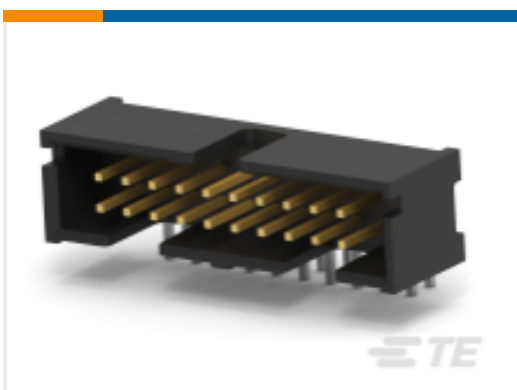
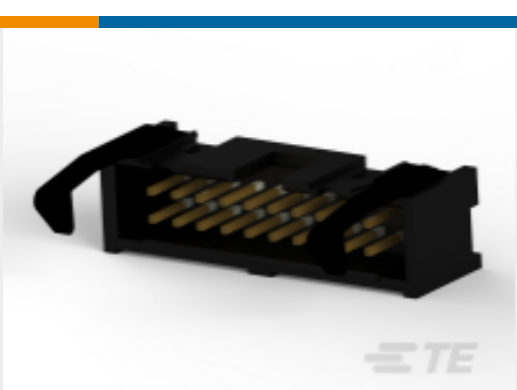
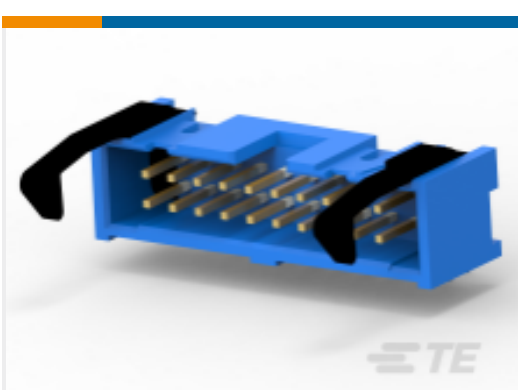
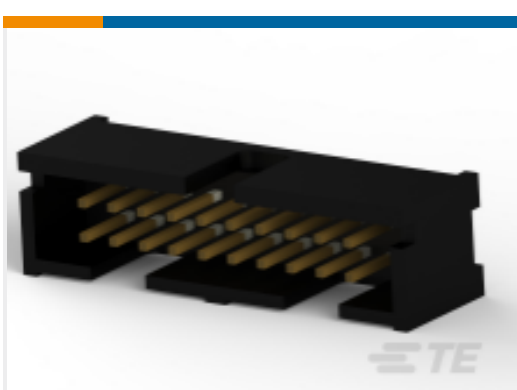
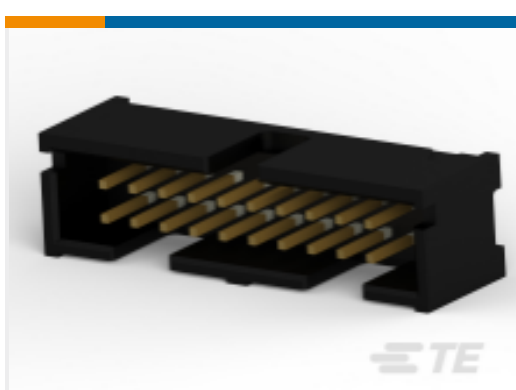
Product Compliance Disclaimer

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

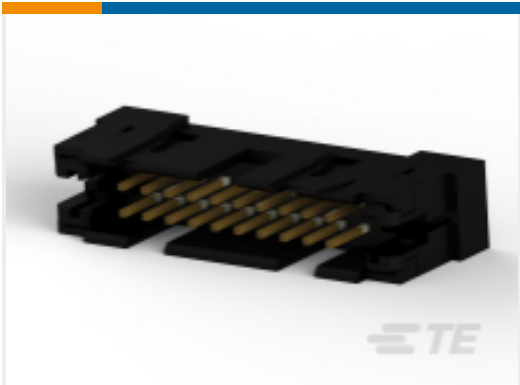


EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 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 # 104313-4 020 LOPRO HDR SP 30DP LATCH	 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 # 2-1761608-7 IDC LOW PRO HDR 20P VERT SHT L	 TE Part # 1761608-7 IDC LOW PRO HDR 20P VERT SHT L	 TE Part # 5103311-5 A/L LOW PRO HDR 20P RA BLACK	 TE Part # 2-1761609-7 IDC LOW PRO HDR 20P RA SHT LAT BLUE
 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

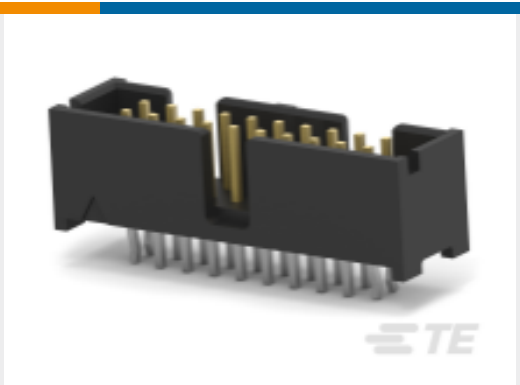




TE Part # 1-111446-8
020 UNIV I/O 30DP NO EARS



TE Part # 1-111504-7
020 UNIV I/O 30DP NO EARS LTCH

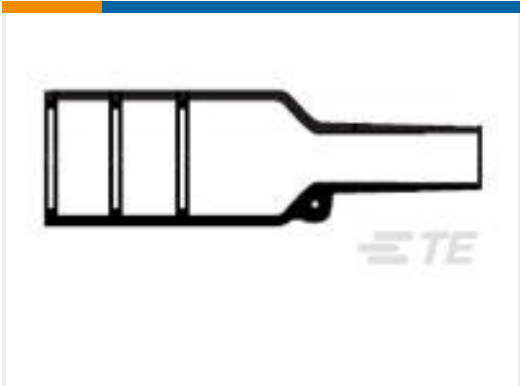


TE Part # 5104338-4
A/L LOW PRO HDR 20P VERT HT



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

Customers Also Bought



TE Part # 539835-000
202K142-100/86-0



TE Part # 4-641190-4
14P MTA100 CONN ASSY RED LF



TE Part # 9-1415036-1
PTMT00A0



TE Part # 322365
DG 22-16COM22-18MIL HR R 8



TE Part # 9246090001
TMS-SCE-1/8-2.0-S1-9



TE Part # YDTS20W13-08SNV001
RECP ASSY



TE Part # 926963-2
LOCKING CLIP KONT



TE Part # CT09743001
CL105-2GX1.50-SO-0CK5500



TE Part # 8-1437020-4
609-2031=FSKT IDC S 20 SR

Documents

Product Drawings
609-2030LF FEM SOCKT,LEAD FREE
English

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



English

Customer View Model

[ENG_CVM_CVM_1-1658526-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1658526-2_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