

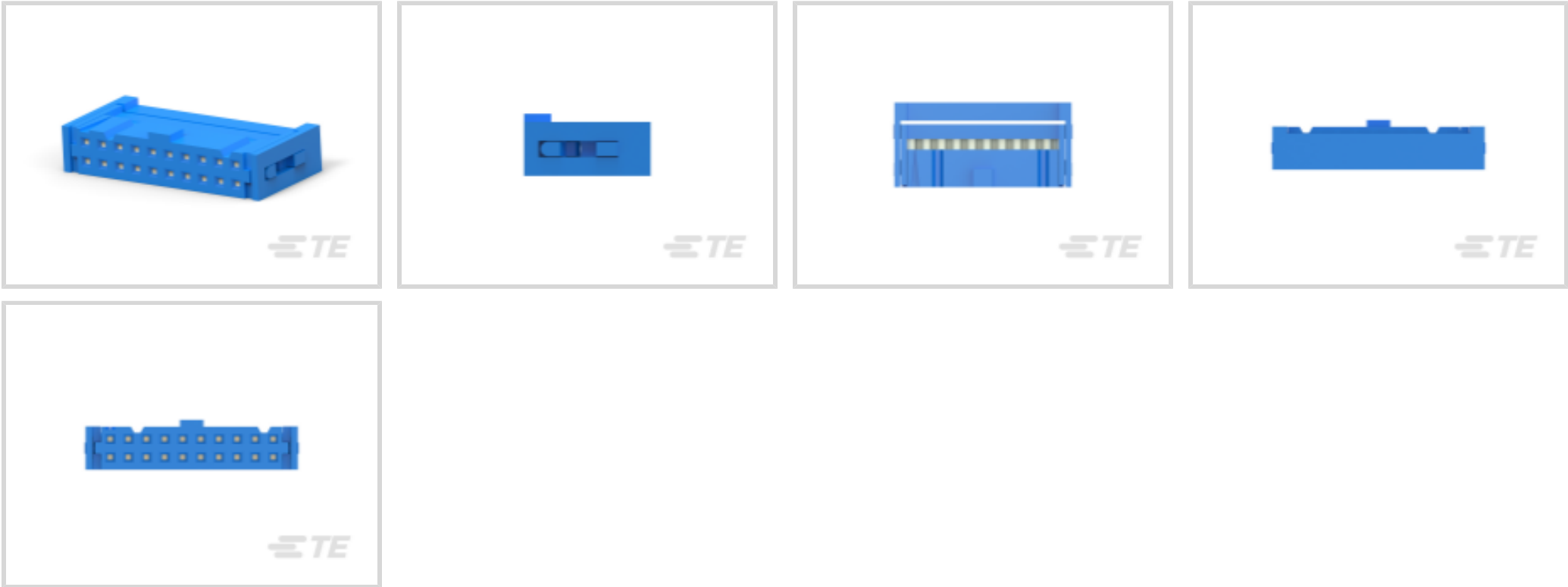


AMP-LATCH

TE Internal #: 1-1658526-3
Wire-to-Board, 20 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: **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

	30 µin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Thickness	2.54 – 5.08 µm[100 – 200 µin]
Wire Contact Termination Area Plating Material	Tin



Contact Current Rating (Max)	1 A
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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)

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>

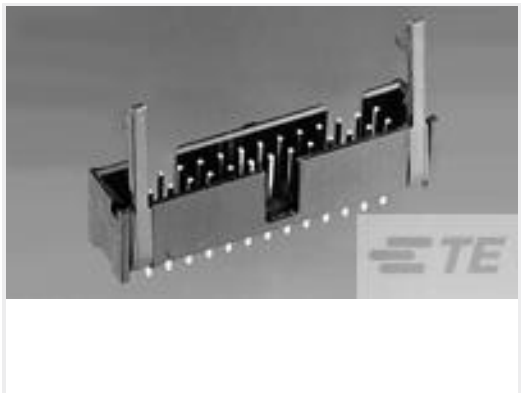
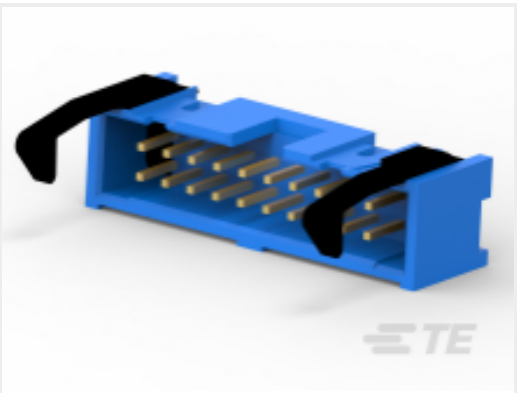
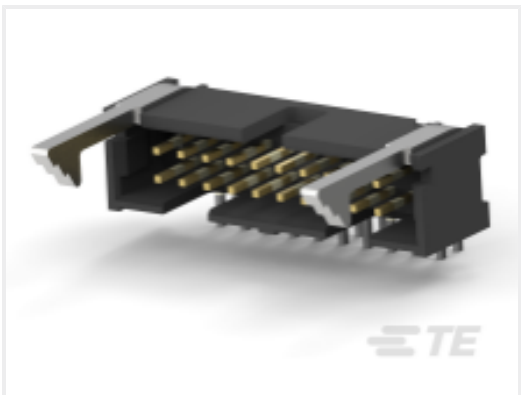
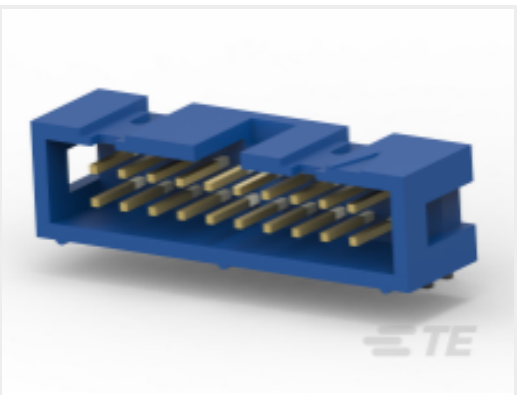
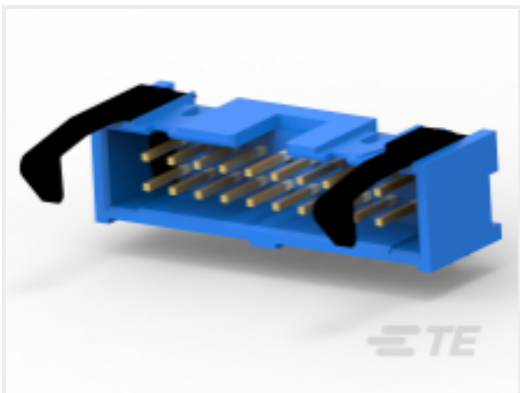
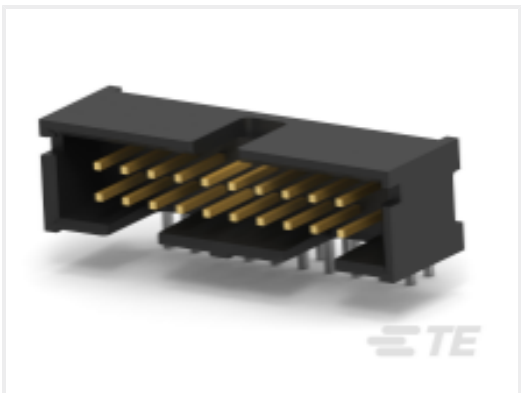
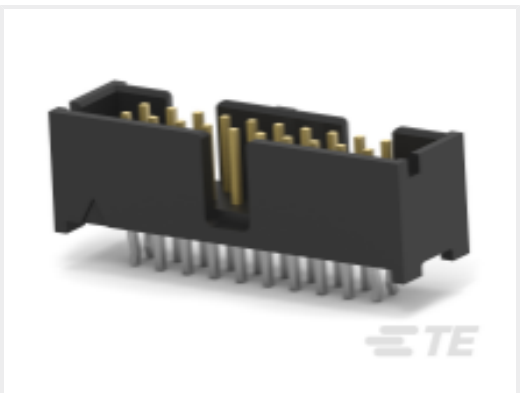
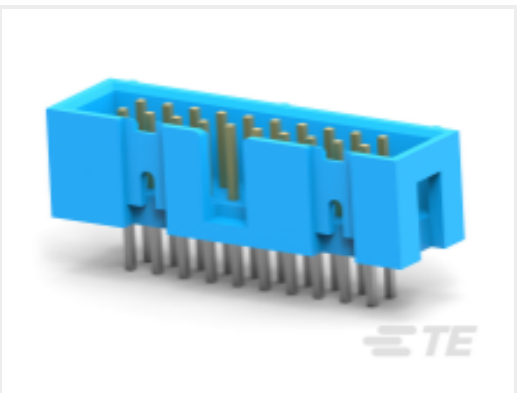
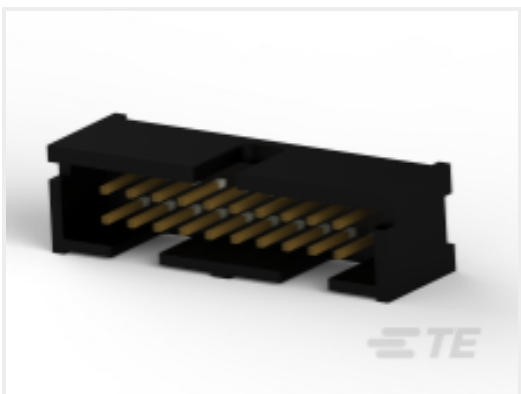
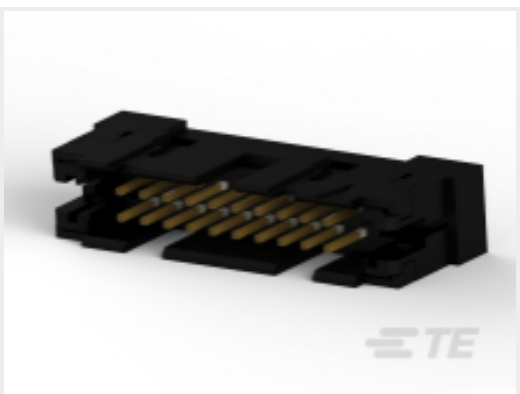
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

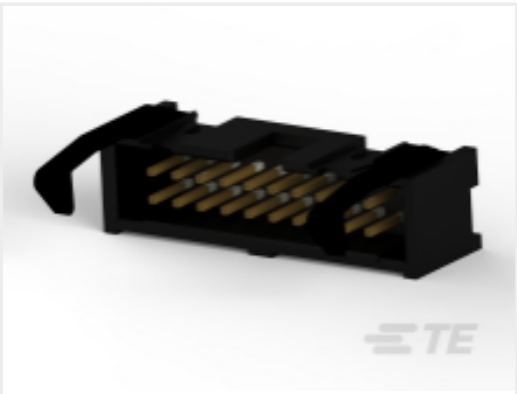


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

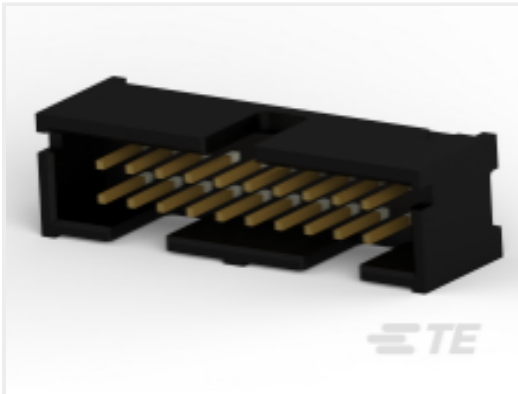
Compatible Parts

 TE Part # 1761607-7 IDC LOW PRO HDR 20P RA LAT	 TE Part # 2-1761712-7 IDC LOW PRO HDR 20P RA LAT	 TE Part # 1761681-7 IDC LOW PRO HDR 20P VERT HT BLACK	 TE Part # 2-1761606-7 IDC LOW PRO HDR 20P VERT LA
 TE Part # 1761686-7 IDC LOW PRO HDR 20P VERT LAT	 TE Part # 104130-4 020 LOPRO HDR RA 30DP LATCH	 TE Part # 102312-2 UNIVERSAL HEADER LATCH	 TE Part # 2-1761605-7 IDC LOW PRO HDR 20P RA BLUE
 TE Part # 2-1761607-7 IDC LOW PRO HDR 20P RA LAT	 TE Part # 5103311-5 A/L LOW PRO HDR 20P RA BLACK	 TE Part # 5104338-4 A/L LOW PRO HDR 20P VERT HT	 TE Part # 2-1761679-7 IDC LOW PRO HDR 20P VERT BLUE
 TE Part # 2-1761711-7 IDC LOW PRO HDR 20P VERT LA	 TE Part # 5103310-5 A/L LOW PRO HDR 20P RA 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 # 1761606-7
[IDC LOW PRO HDR 20P VERT LAT BLK](#)



TE Part # 5103308-5
[A/L LOW PRO HDR 20P VERT BLACK](#)



TE Part # 1761682-7
[IDC LOW PRO HDR 20P RA HT BLACK](#)



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

Customers Also Bought



TE Part #2820293019
[44A0111-20-9](#)



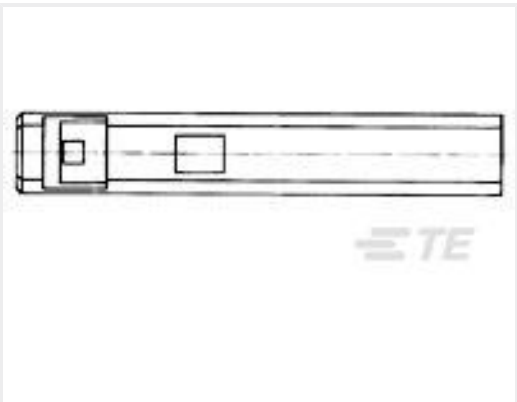
TE Part #T1240240221-000
[H24B-TGH-2PG21](#)



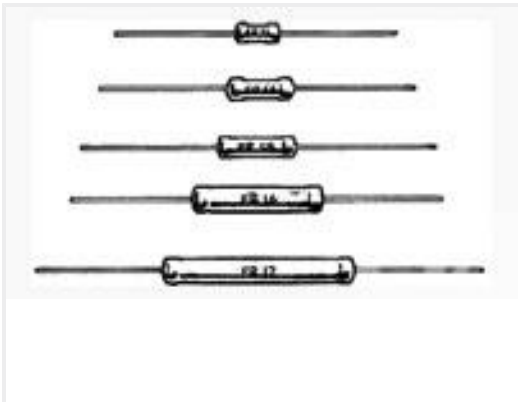
TE Part #02560390-000
[LVDT HR 100 ASSY](#)



TE Part #ANT-868-JJB-ST
[Antenna Mini Straight 868MHz THM](#)



TE Part #926657-3
[3P LOCKG CLIP GEH](#)



TE Part #4-1623750-9
[ER58 R47 5% AMMO](#)



TE Part #8-1624112-6
[3650 0603 82nH 5% 2K RL](#)



TE Part #8-2176412-2
[5W XSM M/OX 5% 12K](#)



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



TE Part #5177984-1
[0.8FH,P05H.5,040,08/Sn,TU](#)

Documents

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