

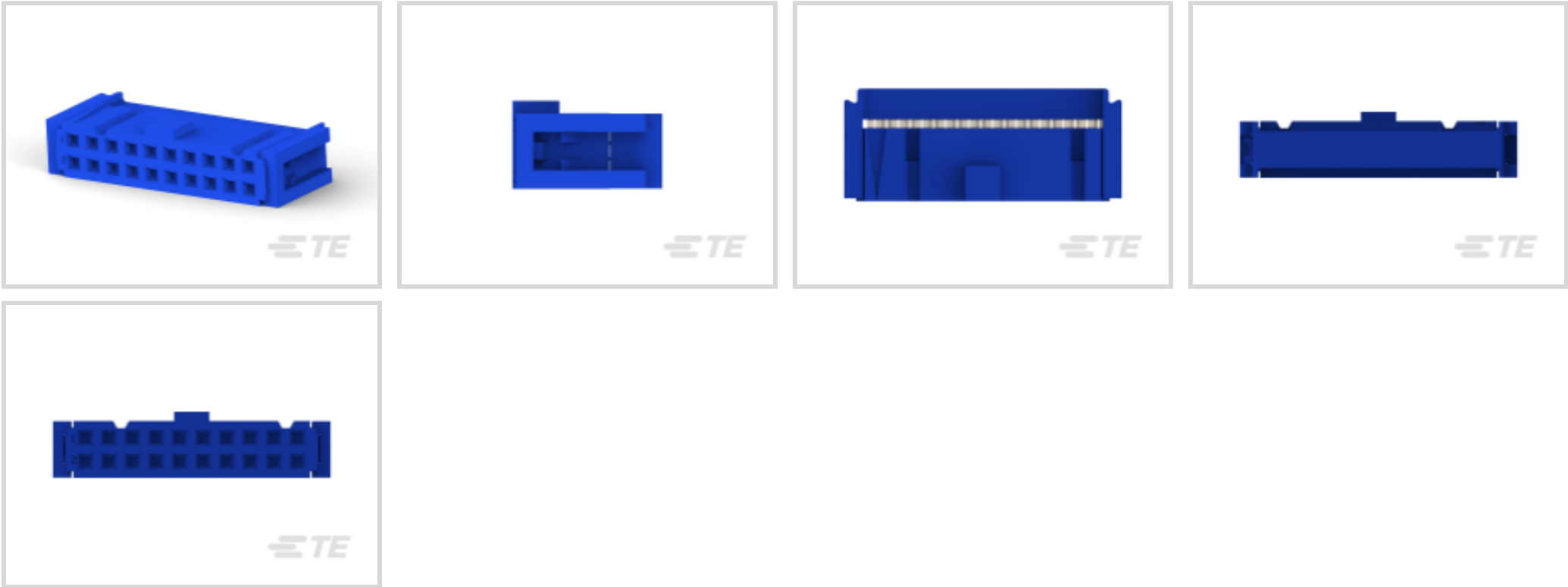


AMP-LATCH

TE Internal #: 2-1658527-3
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

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

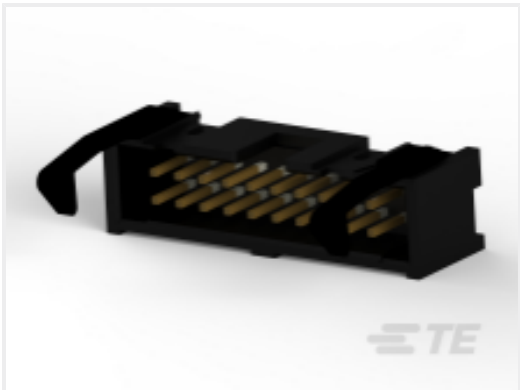
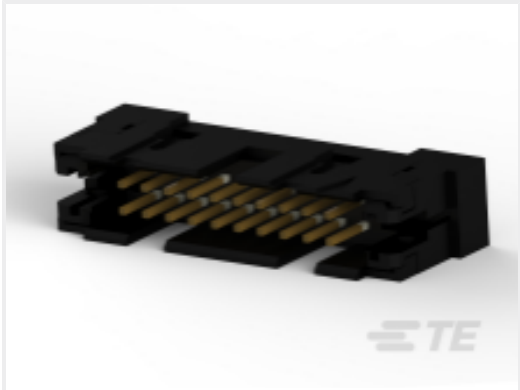
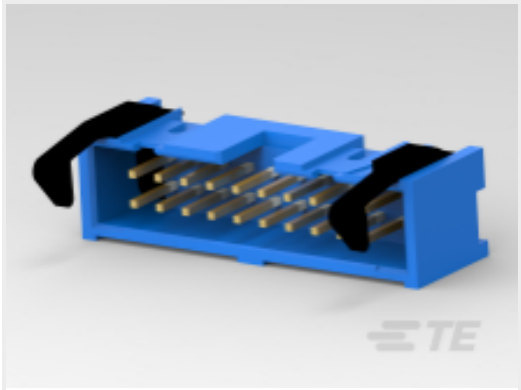
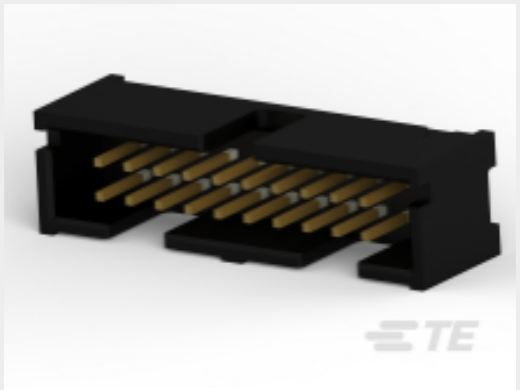
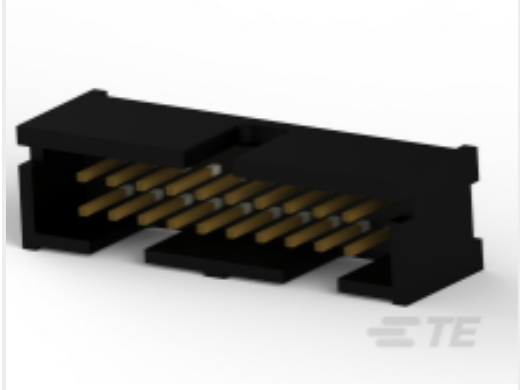
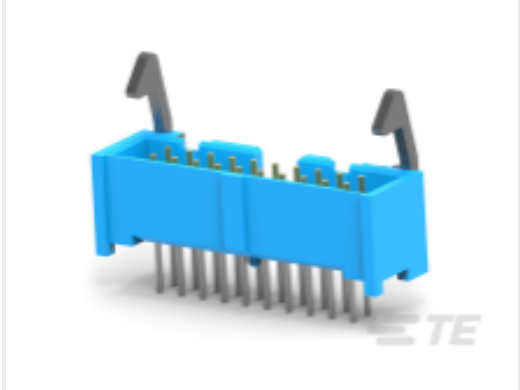
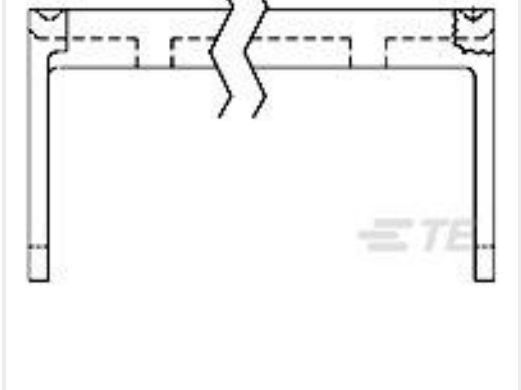
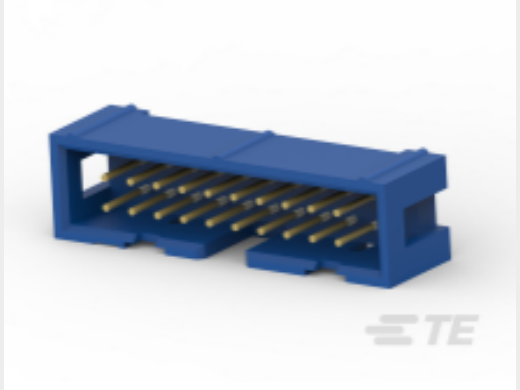
Product Compliance Disclaimer

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 # 1761606-7 IDC LOW PRO HDR 20P VERT LAT BLK	 TE Part # 1761685-7 IDC LOW PRO HDR 20P VERT SHT LAT	 TE Part # 1761682-7 IDC LOW PRO HDR 20P RA HT BLACK	 TE Part # 1-111504-7 020 UNIV I/O 30DP NO EARS LTCH
 TE Part # 1-111446-8 020 UNIV I/O 30DP NO EARS	 TE Part # 2-1761608-7 IDC LOW PRO HDR 20P VERT SHT L	 TE Part # 5103308-5 A/L LOW PRO HDR 20P VERT BLACK	 TE Part # 5088450-5 PULL LOOP, CUT LENGTH .88 IN
 TE Part # 5103309-5 A/L LOW PRO HDR 20P VERT BLACK	 TE Part # 5104340-4 A/L LOW PRO HDR 20P RA HT GRAY	 TE Part # 1-111494-8 020 UNIV I/O 30DP SLOT LTCH	 TE Part # CAT-AM74-UN384H AMP-LATCH UNIVERSAL HEADERS
 TE Part # 2-1761713-7 IDC LOW PRO HDR 20P VERT SHT L	 TE Part # 1437024-5 622-2031=FSKT IDC S 20 SR	 TE Part # 2-1761603-7 IDC LOW PRO HDR 20P VERT BLUE	 TE Part # 5111448-4 020 UNIV I/O 30DP SLOT

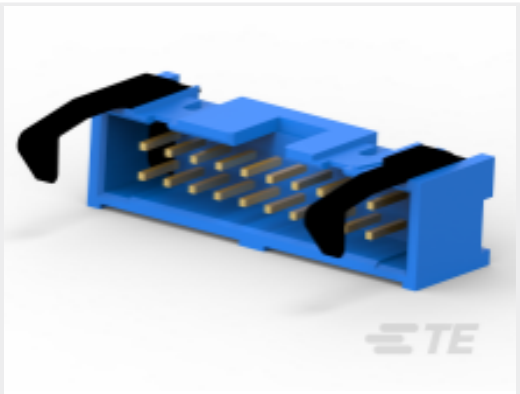




TE Part # 104128-4
020 LOPRO HDR SP 30DP LATCH



TE Part # 1761607-7
IDC LOW PRO HDR 20P RA LAT



TE Part # 2-1761606-7
IDC LOW PRO HDR 20P VERT LA

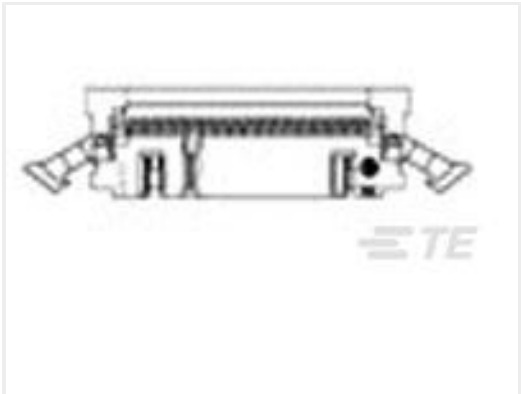


TE Part # 1761681-7
IDC LOW PRO HDR 20P VERT HT BLACK

Customers Also Bought



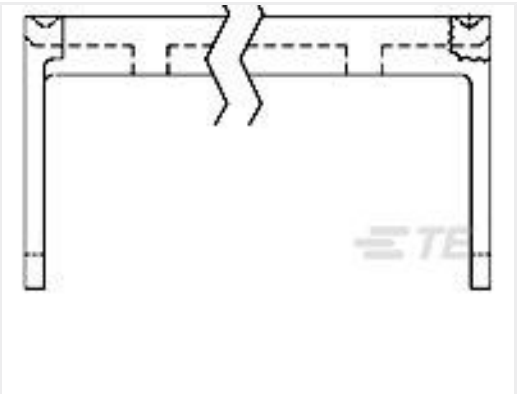
TE Part #CAT-SCH691-T1
PCB Power Relay: 30 Amp, Monostable DC



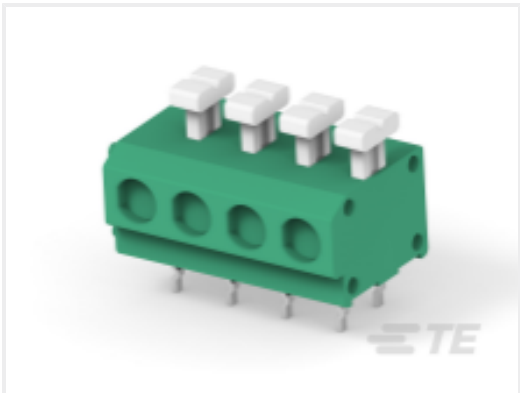
TE Part #1-111494-8
020 UNIV I/O 30DP SLOT LTCH



TE Part #9-1579007-1
EXTRACTION TOOL



TE Part #1437024-5
622-2031=FSKT IDC S 20 SR



TE Part #1-2834018-4
4POS 5.0MM TEPS CONN.



TE Part #3-640442-4
04P MTA100 CONN ASSY BLU



TE Part #640457-2
02P MTA100 HDR ASSY SQ R/A F/L



TE Part #1676243-2
RN 0805 1K82 0.1% 10PPM 1KRL



TE Part #5-1879343-9
CPF 0805 4K99 1% 50PPM 1K RL

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1658527-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1658527-3_C.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_2-1658527-3_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