

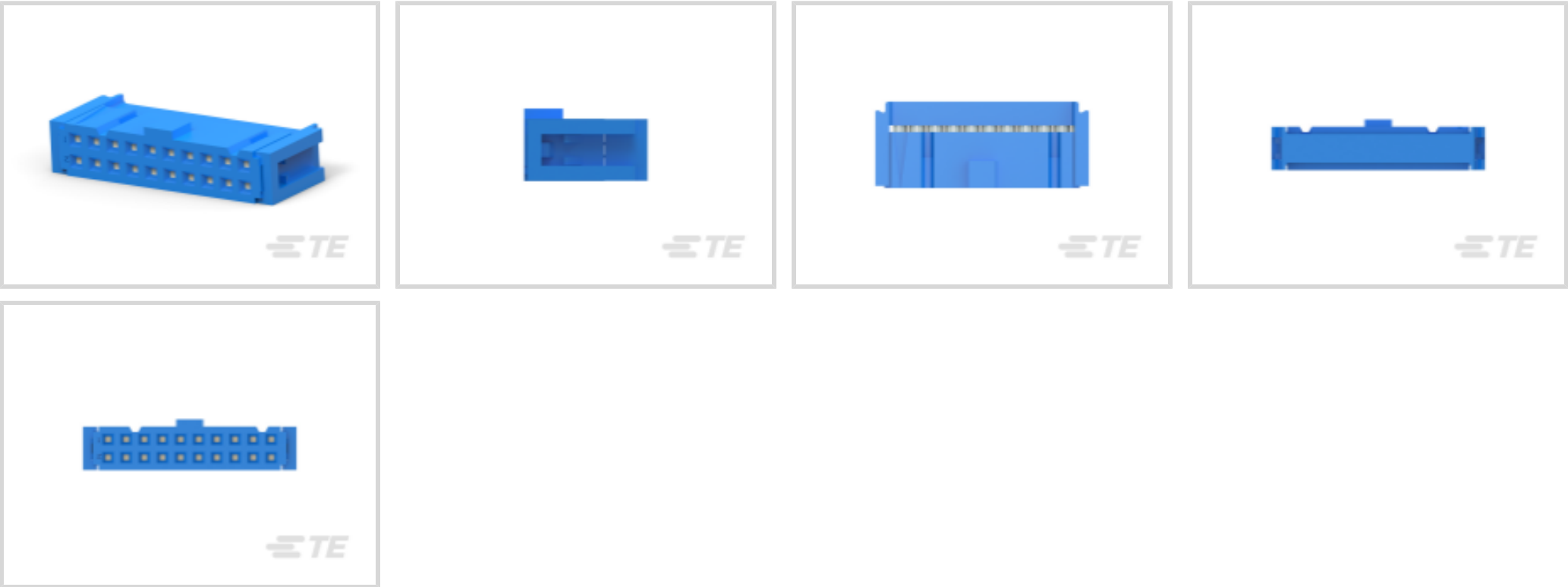


AMP-LATCH

TE Internal #: 1658527-8
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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Body Features

Primary Product Color	Blue
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Contact Features

Contact Mating Area Plating Material	Gold
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

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Receptacle



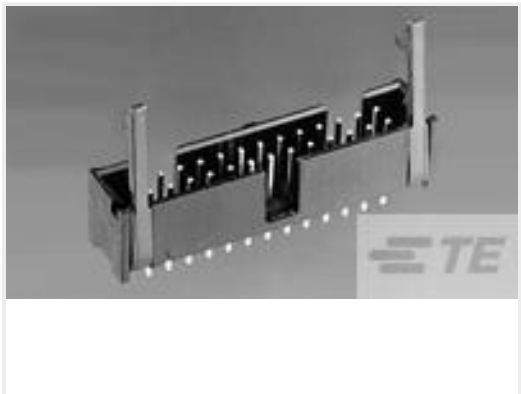
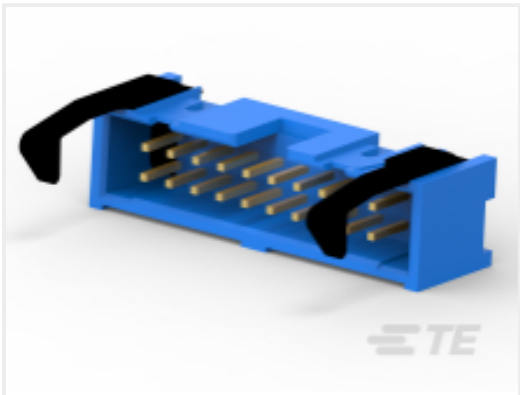
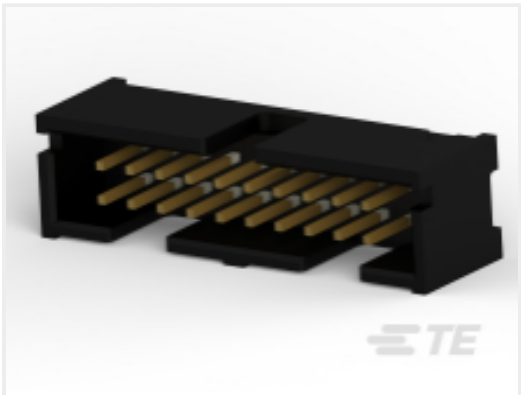
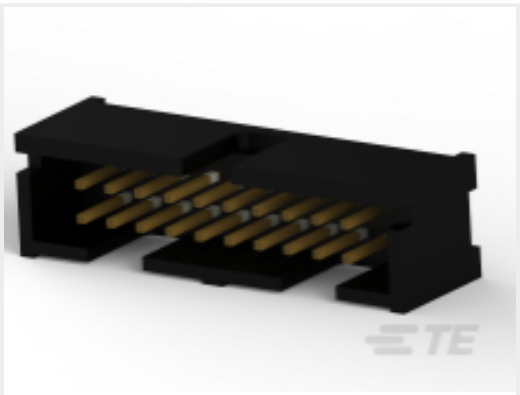
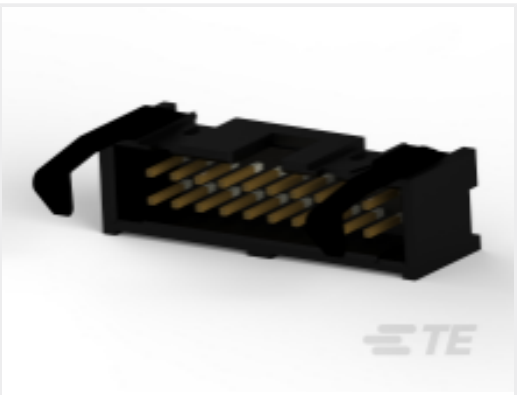
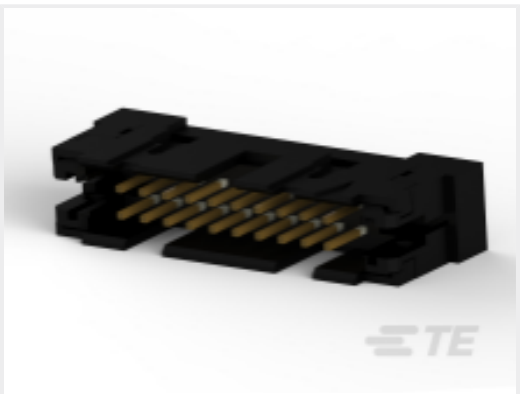
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	20
Number of Rows	2
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Signal
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 LG LAT	 TE Part # 2-1761712-7 IDC LOW PRO HDR 20P RA LG LAT	 TE Part # 104128-4 020 LOPRO HDR SP 30DP LATCH	 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 # 5103308-5 A/L LOW PRO HDR 20P VERT BLACK	 TE Part # 5103309-5 A/L LOW PRO HDR 20P VERT BLACK	 TE Part # 1761606-7 IDC LOW PRO HDR 20P VERT LG LAT BLK
 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	 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





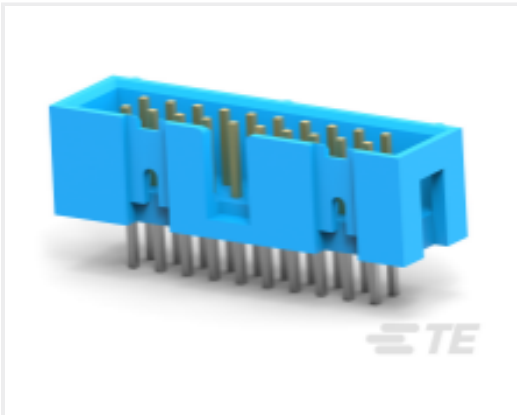
TE Part # 5111448-4
020 UNIV I/O 30DP SLOT



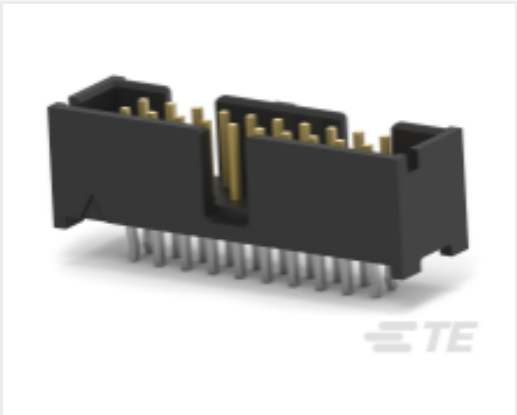
TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



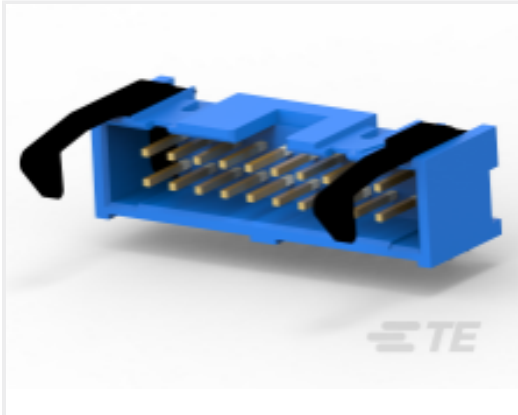
TE Part # 2-1761603-7
IDC LOW PRO HDR 20P VERT BLUE



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



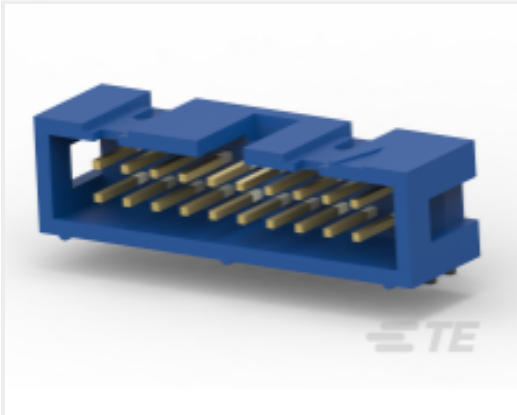
TE Part # 5104338-4
A/L LOW PRO HDR 20P VERT HT



TE Part # 2-1761607-7
IDC LOW PRO HDR 20P RA LG LAT

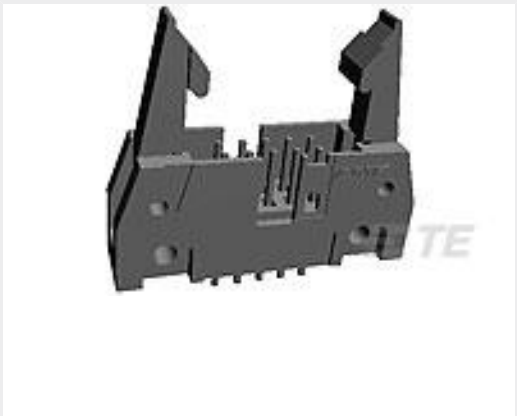


TE Part # 2-1761711-7
IDC LOW PRO HDR 20P VERT LG LA



TE Part # 2-1761605-7
IDC LOW PRO HDR 20P RA BLUE

Customers Also Bought



TE Part #2-5499206-9
A/L UNIV HDR 40P VERT LG LAT B



TE Part #2-640456-0
20P MTA100 HDR ASSY F/L SQ STR



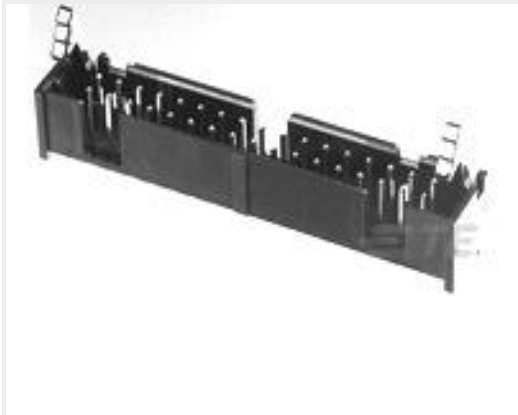
TE Part #1-1622825-0
RL73K 3A R12 5% 1K Reel



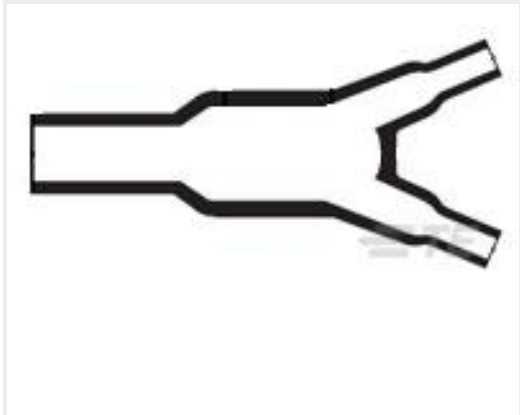
TE Part #1623732-1
BCHE 7 W 100R 5%



TE Part #103308-5
020 LOPRO HDR SP 15DP



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



TE Part #488997-000
382A012-25/42-0



TE Part #62049-2
250 FASTON REC 14-10 AWG TPBR



TE Part #ZPF00000000098100
CAB-A 49UFP-000



TE Part #9-1617814-0
PS10-1Y = 25A HP SSR

Documents



Product Drawings

622-2041LF FEM SOCKT,LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658527-8_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658527-8_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658527-8_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

Product Specifications

Application Specification

English

micro match miniature connector system

English

Instruction Sheets

Instruction Sheet (U.S.)

English