

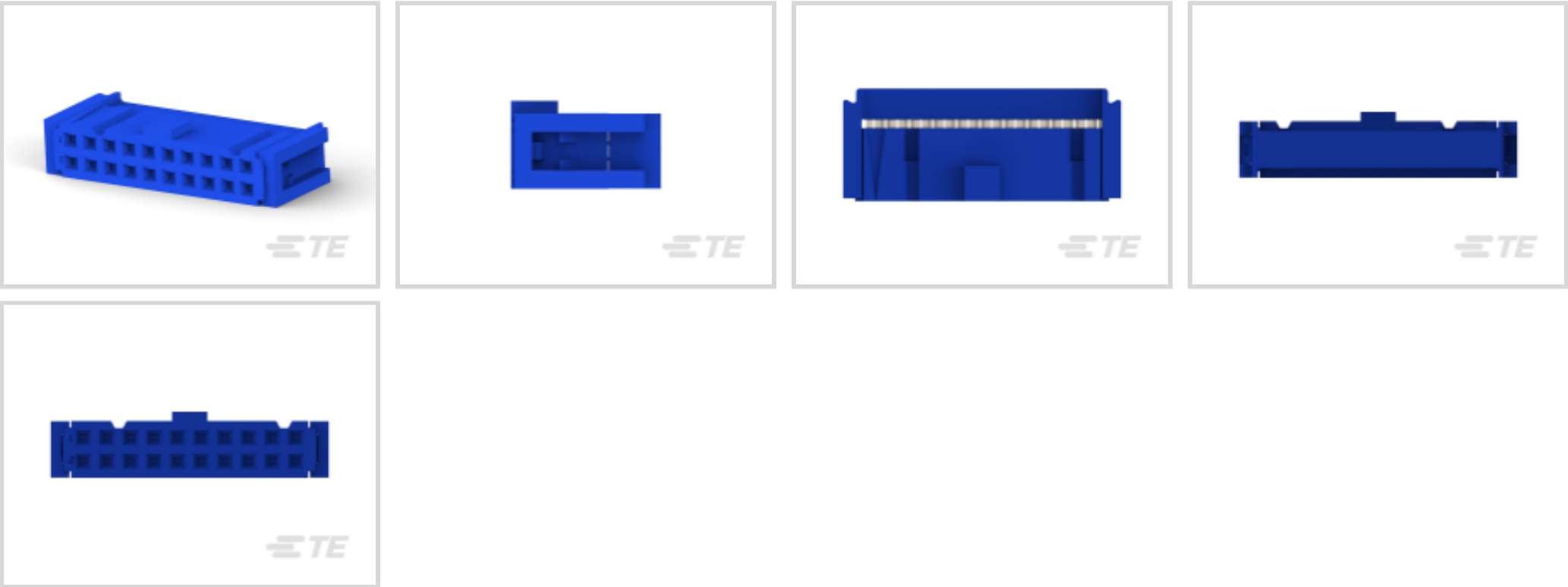


AMP-LATCH

TE Internal #: 2-1658527-3
Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, 2 Row,
Receptacle, Polarization Mating Alignment Type, Wire & Cable,
Ribbon Cable Connectors

[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

Contact Features

	30 µin
Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Thickness	.127 µm[5 µin]
Wire Contact Termination Area Plating Material	Gold Flash
Mating Square Post Dimension	.64 mm[.025 in]

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	20
Number of Rows	2



Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
--------------------	----------------

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
--------------------	----------------

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Operation/Application

Circuit Application	Signal
---------------------	--------

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
-----------------------------	----------------------------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Primary Product Color	Blue
-----------------------	------

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
------------------------------------	-------------------------------

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

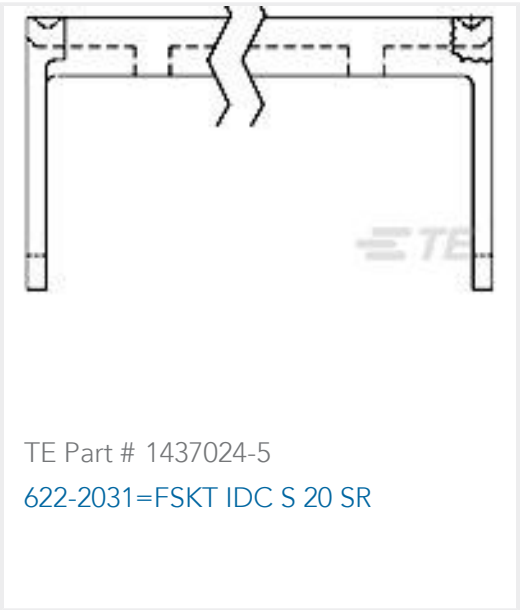
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

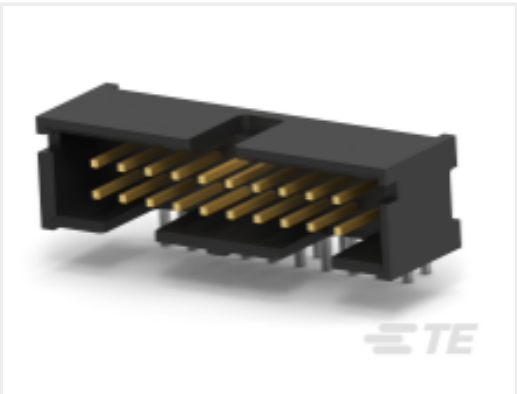


Product Compliance Disclaimer

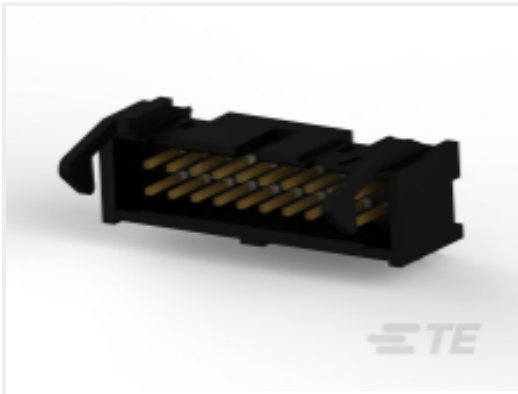
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

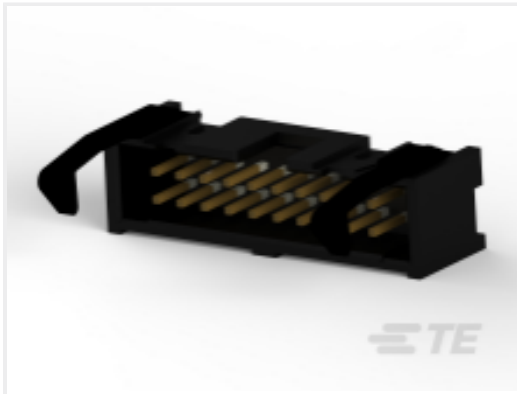
			
			
			



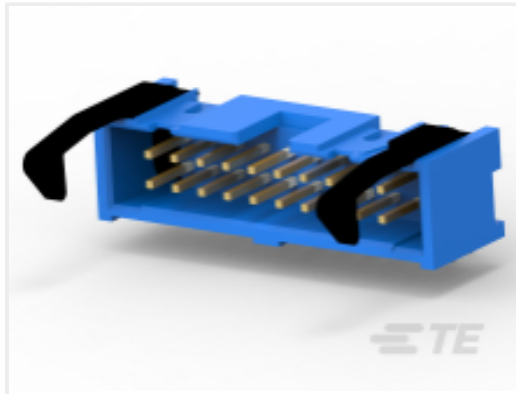
TE Part # 5103311-5
A/L LOW PRO HDR 20P RA BLACK



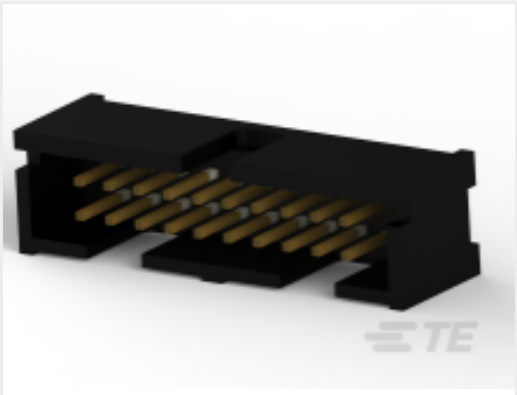
TE Part # 2-1761609-7
IDC LOW PRO HDR 20P RA SHT LAT BLUE



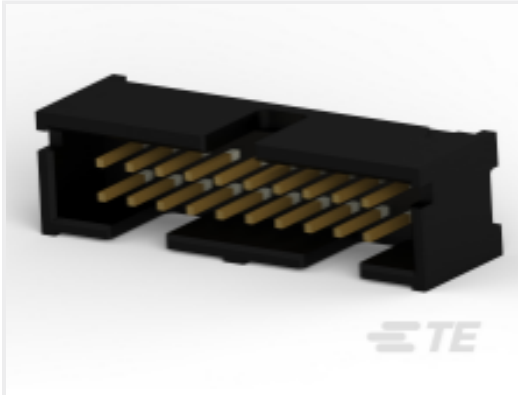
TE Part # 1761606-7
IDC LOW PRO HDR 20P VERT LG LAT BLK



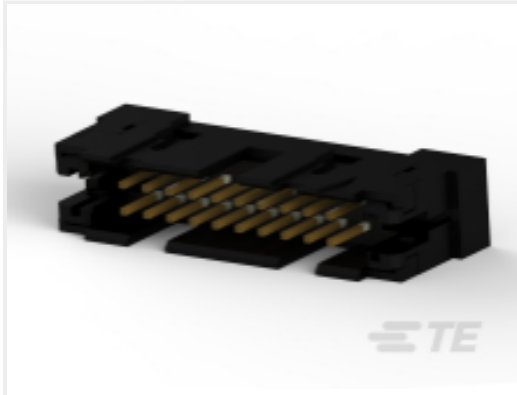
TE Part # 2-1761607-7
IDC LOW PRO HDR 20P RA LG LAT



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

Customers Also Bought



TE Part #6609046-1
3ET1 M0=F7002



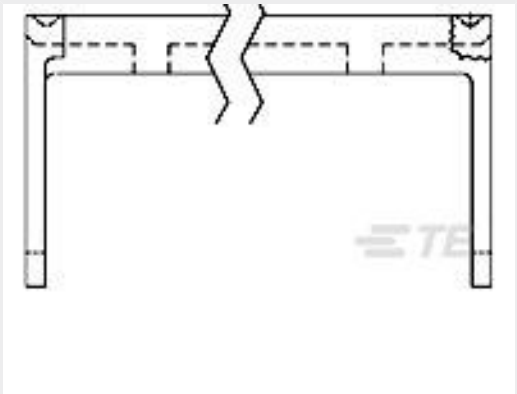
TE Part #5-1419102-4
T9AP5D52-12



TE Part #3-640440-4
MTA Receptacle: Nylon, Tin Plated, 2.54 mm



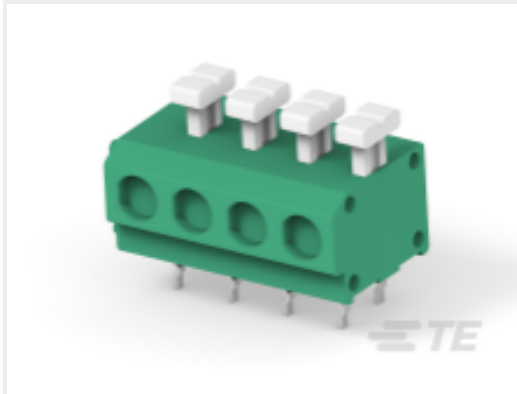
TE Part #640457-2
02P MTA100 HDR ASSY SQ R/A F/L



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



TE Part #3-794681-8
08P MICRO MNL ASSY,VRT,THRU,LF



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

Documents

Product Drawings
622-2030LF=FSKT IDC S 20 30AU

English

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