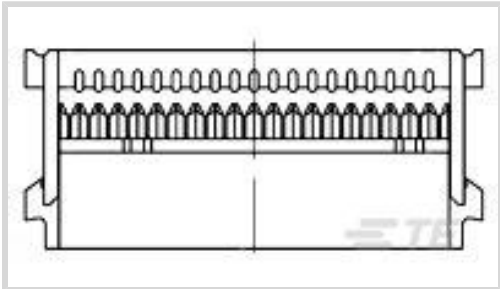




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Wire-to-Board**

Number of Positions: **10**

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	10
Number of Rows	2

Body Features

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

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Thickness	2.54 – 5.08 μm[100 – 200 μin]
	30 μin
Wire Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1 A

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]
--------------------	----------------

Dimensions

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

Operation/Application

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

Product Compliance

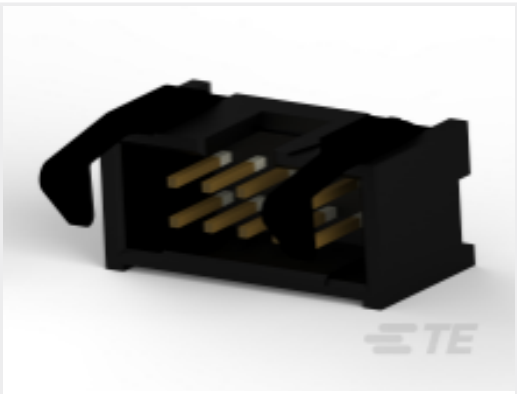
For compliance documentation, visit the product page on [TE.com](#)>

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 2025 (247) Candidate List Declared Against: JAN 2022 (223) 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

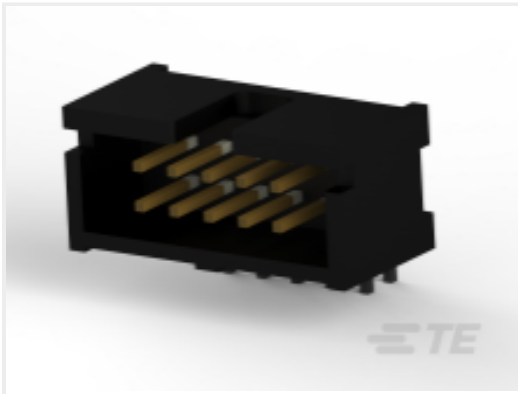
Product Compliance Disclaimer

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



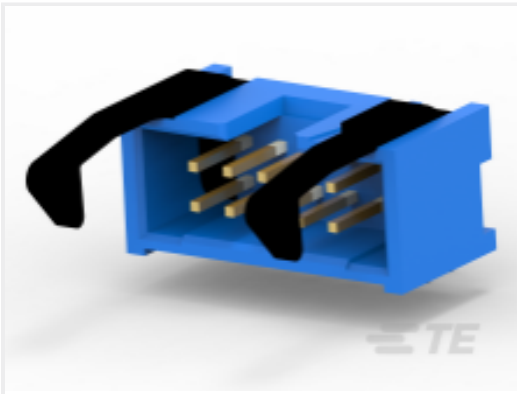
TE Part # 1761608-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part # 5103311-1
A/L LOW PRO HDR 10P RA BLACK



TE Part # 1761685-3
IDC LOW PRO HDR 10P VERT SHT LAT



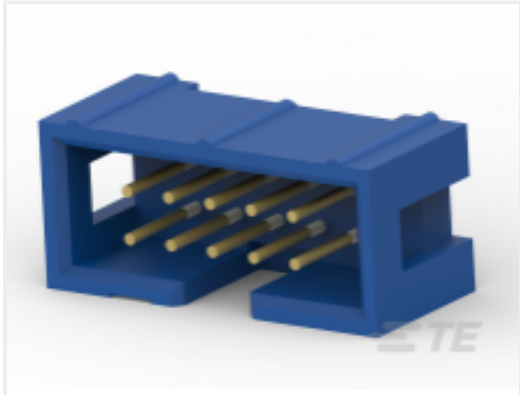
TE Part # 2-1761607-3
IDC LOW PRO HDR 10P RA LAT



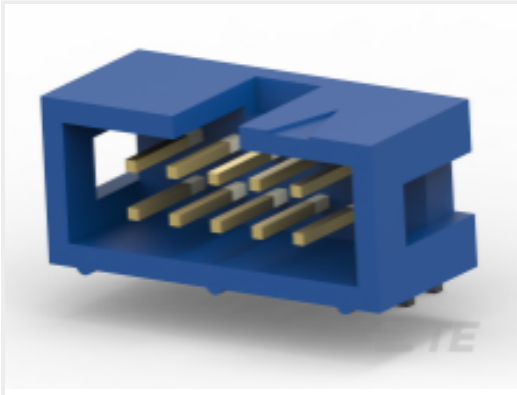
TE Part # 104130-1
010 LOPRO HDR RA 30DP LATCH



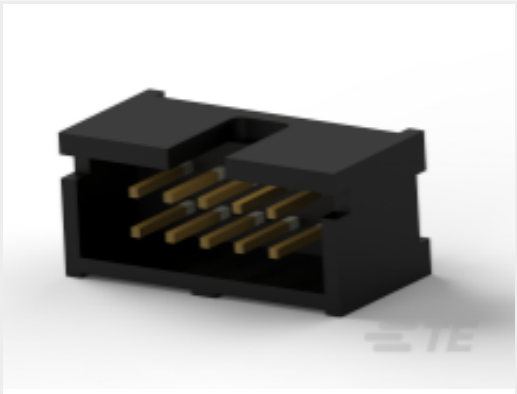
TE Part # 1-111506-6
010 UNIV I/O 30DP SLOT LTCH



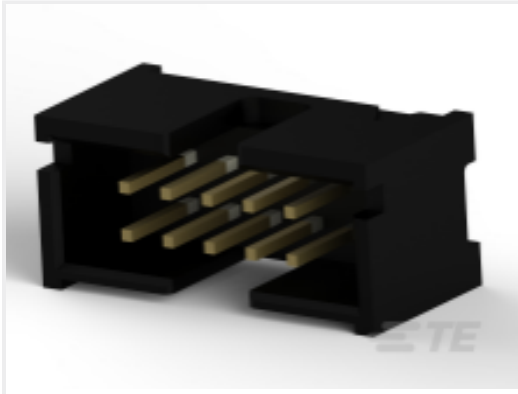
TE Part # 2-1761603-3
IDC LOW PRO HDR 10P VERT BLUE



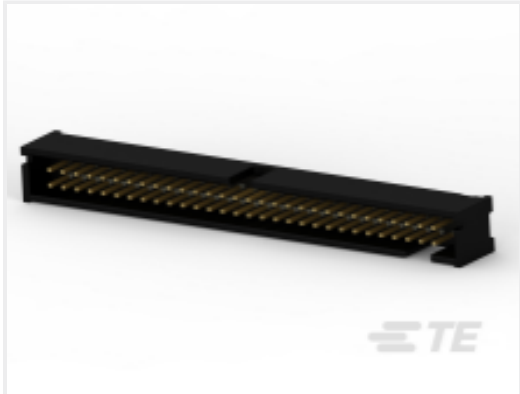
TE Part # 2-1761605-3
IDC LOW PRO HDR 10P RA BLUE



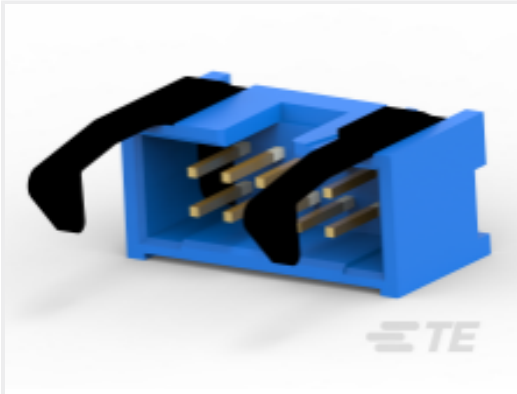
TE Part # 5103310-1
A/L LOW PRO HDR 10P RA BLACK



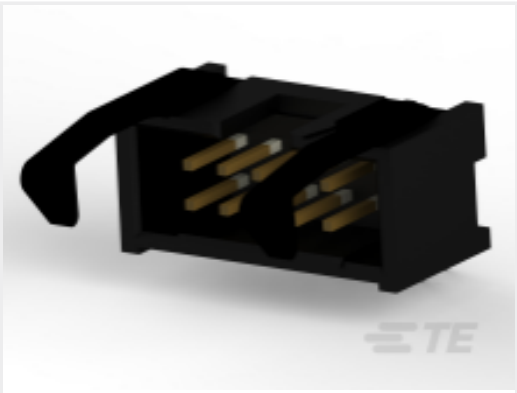
TE Part # 5104338-1
A/L LOW PRO HDR 10P VERT HT



TE Part # 5103308-1
A/L LOW PRO HDR 10P VERT BLACK



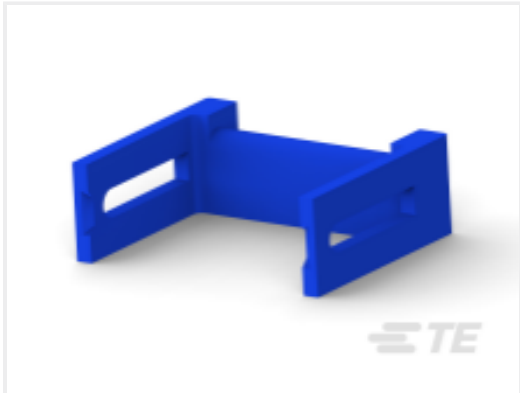
TE Part # 2-1761606-3
IDC LOW PRO HDR 10P VERT LAT BLUE



TE Part # 1761607-3
IDC LOW PRO HDR 10P RA LAT



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



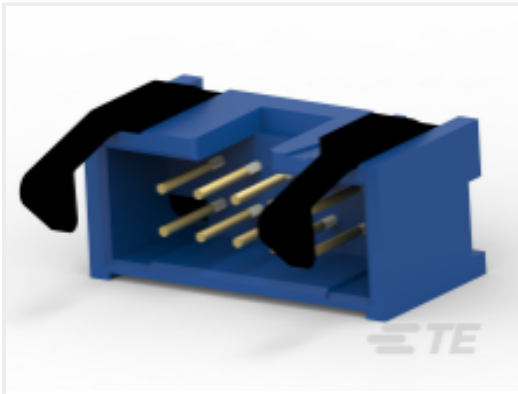
TE Part # 3-1437020-7
609-1031HD=FSKT IDC S 10 SR



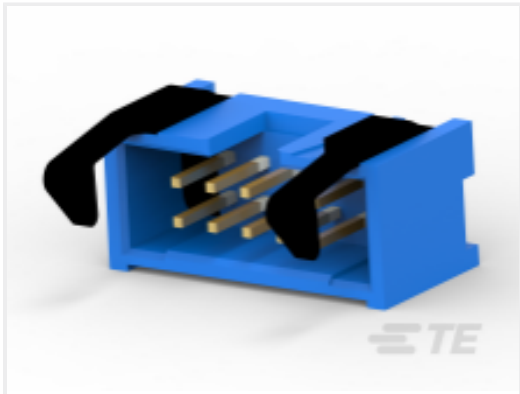
TE Part # 1-111492-5
010 UNIV I/O 30DP NO EARS LTCH



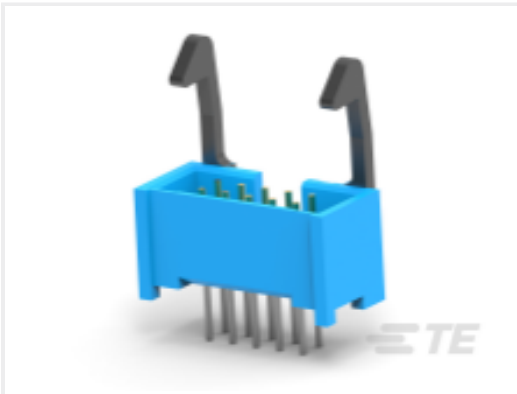
TE Part # 1761683-3
IDC LOW PRO HDR 10P VERT HT BLACK



TE Part # 2-1761713-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part # 2-1761608-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part # 2-1761711-3
IDC LOW PRO HDR 10P VERT LA

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



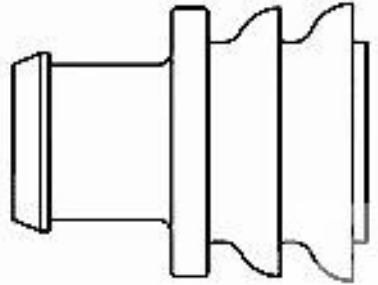
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

609-1000MLF FEM SCKT,LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658526-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658526-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_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