1658528-2 ✔ ACTIVE

AMP-LATCH

TE Internal #: 1658528-2

Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, 2 Row, Receptacle, Wire & Cable, Signal, Cable Mount (Free-Hanging), 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: **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	Black

Contact Features

	15 µin
Contact Mating Area Plating Material	Gold (Au)
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]
Contact Current Rating (Max)	1 A

Termination Features

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]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Product Compliance

For compliance documentation, visit the product page on TE.com>

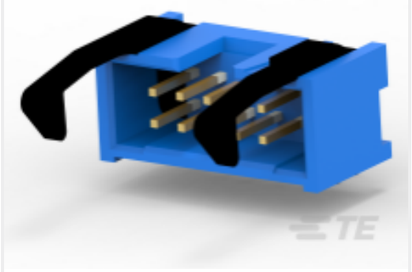
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE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

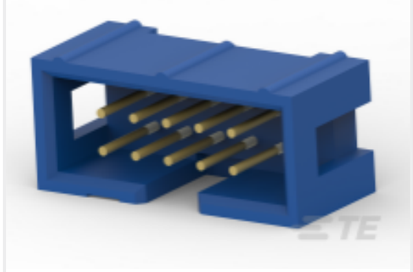
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

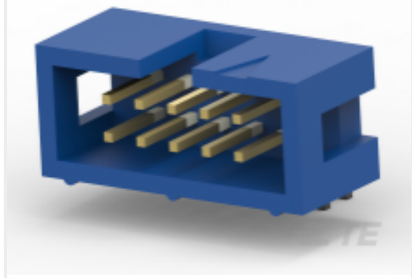
Compatible Parts



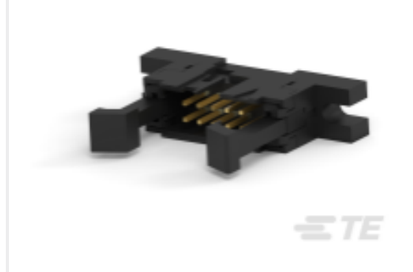
TE Part # 2-1761607-3
IDC LOW PRO HDR 10P RA LAT



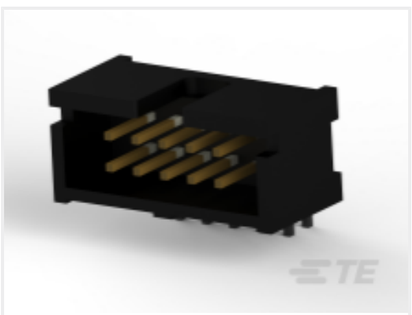
TE Part # 2-1761603-3
IDC LOW PRO HDR 10P VERT BLUE



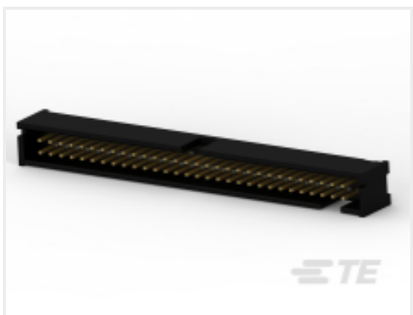
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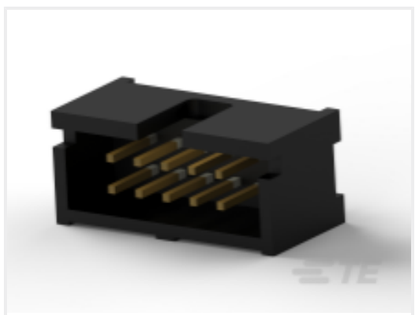
TE Part # 1-111506-6
010 UNIV I/O 30DP SLOT LTCH



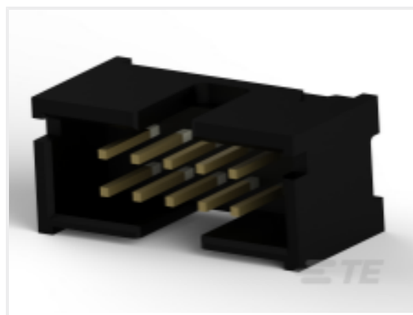
TE Part # 5103311-1
A/L LOW PRO HDR 10P RA BLACK



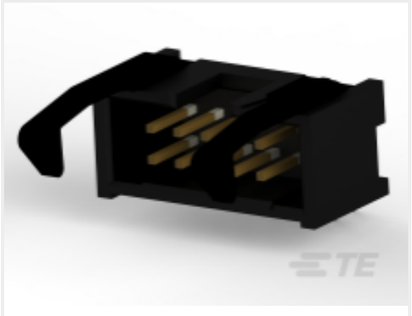
TE Part # 5103308-1
A/L LOW PRO HDR 10P VERT BLACK



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



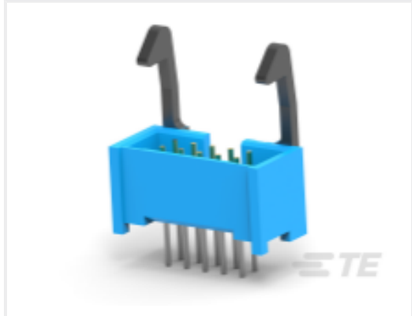
TE Part # 5104338-1
A/L LOW PRO HDR 10P VERT HT



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



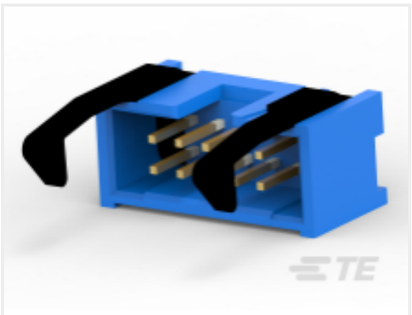
TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



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



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



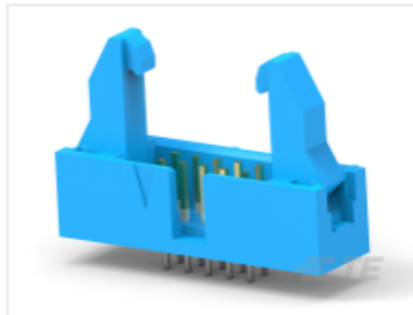
TE Part # 2-1761606-3
IDC LOW PRO HDR 10P VERT LAT BLUE



TE Part # 5104340-1
A/L LOW PRO HDR 10P RA HT



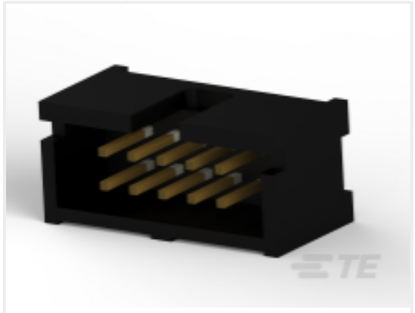
TE Part # 111293-1
UNIVERSAL HEADER LATCH



TE Part # 1761686-3
IDC LOW PRO HDR 10P VERT LAT



TE Part # 5111448-1
010 UNIV I/O 30DP SLOT



TE Part # 5103309-1
A/L LOW PRO HDR 10P VERT BLACK



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



TE Part # 1-111446-4
10 UNIV I/O, NO EARS,LEAD FREE

Customers Also Bought



TE Part #CONSMA001-SMD-G-T
SMA Jack 50 Ohm PCB Surface Mount



TE Part #TAA753A1611-001
M12A5-FS-PVC-0.5M



TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings



TE Part #131443
PG, WIRE TAB ASSY, 22-16



TE Part #5-146280-3
03 MODII HDR SRST B/A .100CL



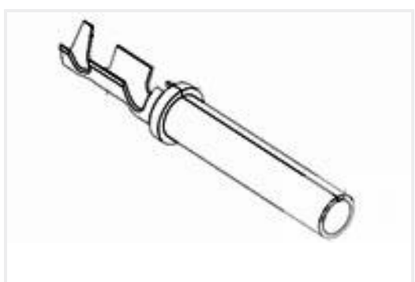
TE Part #215083-8
MICRO-MATCH MOW.08P



TE Part #3-640442-6
06P MTA100 CONN ASSY BLU



TE Part #776433-3
AS16,PLUG ASSY,ST,06P,N SEAL, CODE C



TE Part #1924464-1
SOC, SF, SIZE 16, 18-20 AWG, AU/SN

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1658528-2_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1658528-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658528-2_D.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