1-1658526-1 ✔ ACTIVE

AMP-LATCH

TE Internal #: 1-1658526-1

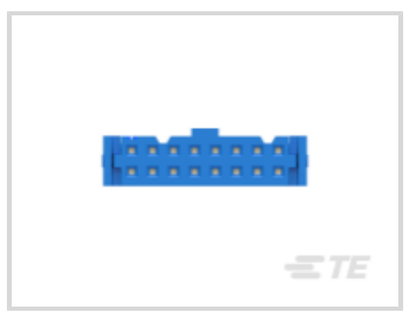
Wire-to-Board, 16 Position, 2.54 mm [.1 in] Centerline, 2 Row, Receptacle, Wire & Cable, Signal, Cable Mount (Free-Hanging), Ribbon Cable Connectors

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: **16**

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	16
Number of Rows	2

Body Features

Primary Product Color	Blue

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Thickness	2.54 – 5.08 µm[100 – 200 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]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Product Compliance

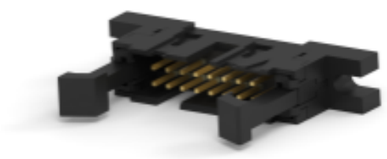
For compliance documentation, visit the product page on TE.com>

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

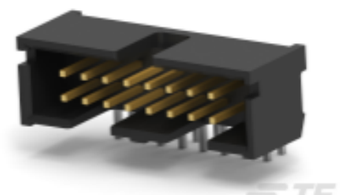
Compatible Parts



TE Part # 1-111506-8
016 UNIV I/O 30DP SLOT LTCH



TE Part # 1761686-6
IDC LOW PRO HDR 16P VERT LAT



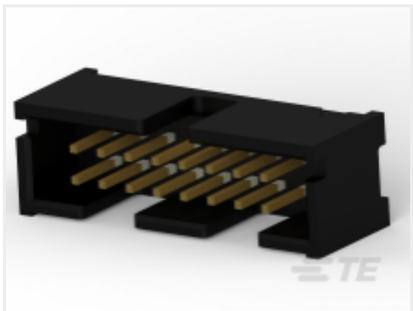
TE Part # 5103311-3
A/L LOW PRO HDR 16P RA BLACK



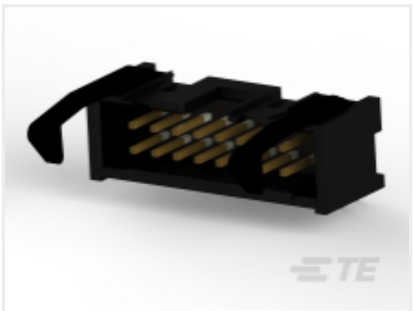
TE Part # 1761682-6
IDC LOW PRO HDR 16P RA HT BLACK



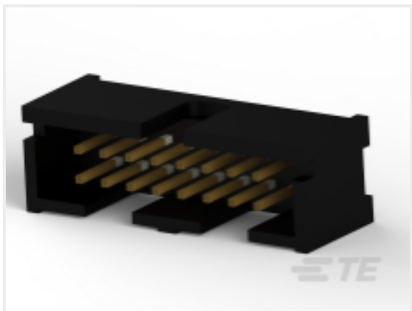
TE Part # 5104340-3
A/L LOW PRO HDR 16P RA HT GRAY



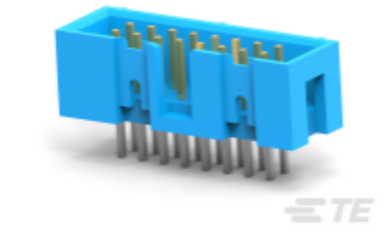
TE Part # 5103308-3
A/L LOW PRO HDR 16P VERT BLACK



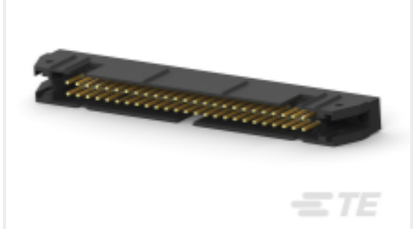
TE Part # 1761607-6
IDC LOW PRO HDR 16P RA LAT BLK



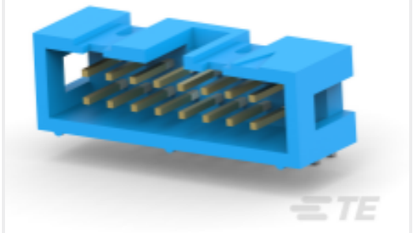
TE Part # 5103309-3
A/L LOW PRO HDR 16P VERT BLACK



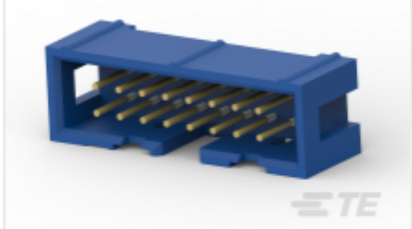
TE Part # 2-1761679-6
IDC LOW PRO HDR 16P VERT BLUE



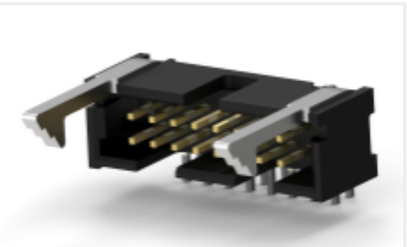
TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



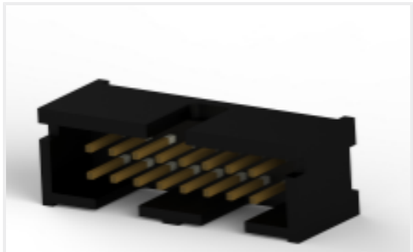
TE Part # 2-1761605-6
IDC LOW PRO HDR 16P RA BLUE



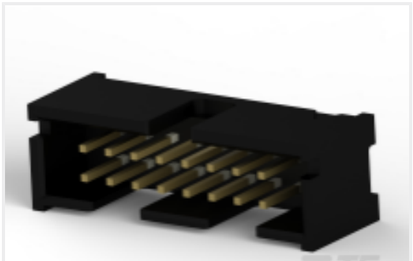
TE Part # 2-1761603-6
IDC LOW PRO HDR 16P VERT BLUE



TE Part # 104130-3
016 LOPRO HDR RA 30DP LATCH



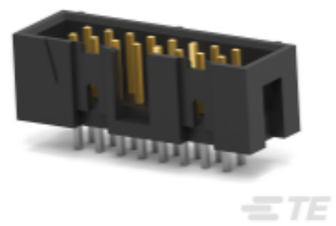
TE Part # 5103310-3
A/L LOW PRO HDR 16P RA BLACK



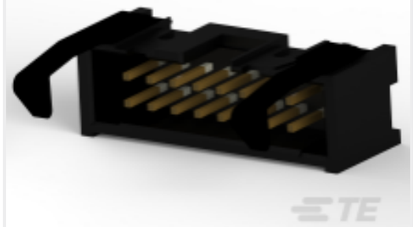
TE Part # 5104338-3
A/L LOW PRO HDR 16P VERT HT



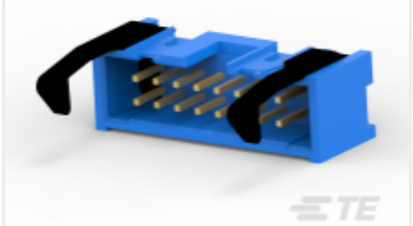
TE Part # 2-1761607-6
IDC LOW PRO HDR 16P RA LAT



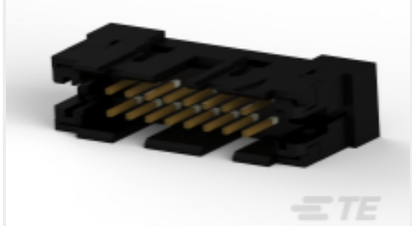
TE Part # 1761681-6
IDC LOW PRO HDR 16P VERT HT BLACK



TE Part # 1761606-6
IDC LOW PRO HDR 16P VERT LAT BLK



TE Part # 2-1761606-6
IDC LOW PRO HDR 16P VERT LAT BLUE



TE Part # 1-111446-6
16 UNIV I/O, NO EARS,LEAD FREE

Customers Also Bought



TE Part #1SNA116519R1400
PF11.G



TE Part #214038-E
SRCP 1,27 6 F 1 I2426 137 * 162 1,07 TRA



TE Part #3-1393789-7
V23079A2003B301



TE Part #3-1624113-2
3650 0805 18nH 5% 2K RL



TE Part #8-1879222-4
CPF 0603 158R 0.1% 25PPM 1K RL



TE Part #7-1879354-2
RR03 5% 300R AMMO



TE Part #5050864-6
SOCKET,MIN-SPR SN SER-3



TE Part #1-5499141-0
A/L UNIV HDR 50P RA LAT



TE Part #3-6609128-5
6VM4S=F8103



TE Part #1483352-1
MICRO-MATCH LEAD 08P 100MM

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1658526-1_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1658526-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1658526-1_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