2-1658526-9 ✔ ACTIVE

AMP-LATCH

TE Internal #: 2-1658526-9

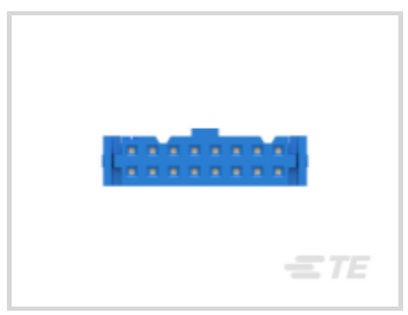
Ribbon Cable Connectors, Wire-to-Board, 16 Position, 2.54mm [.1in] Centerline, Insulation Displacement Crimp (IDC), Row-to-Row Spacing 2.54 mm [.1 in]

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]**

Termination Method to Wire & Cable: **Insulation Displacement Crimp (IDC)**

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

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

Compatible With Wire & Cable Type	Ribbon Cable
Number of Positions	16
Number of Rows	2

Contact Features

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

Termination Features

Rectangular Termination Post & Tail Thickness	.36 mm[.014 in]
Rectangular Termination Post & Tail Width	.46 mm[.018 in]
Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)

Mechanical Attachment

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

Housing Features

Housing Color	Blue
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>

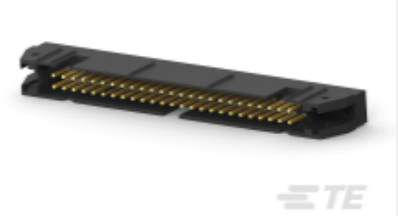
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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

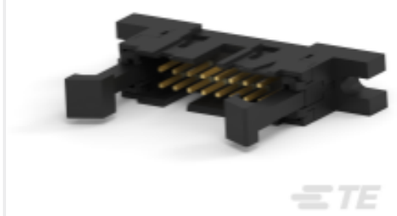
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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

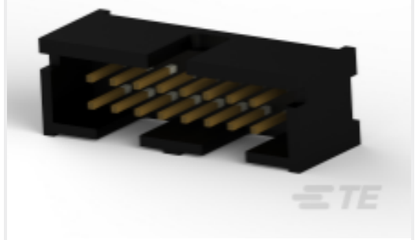
Compatible Parts



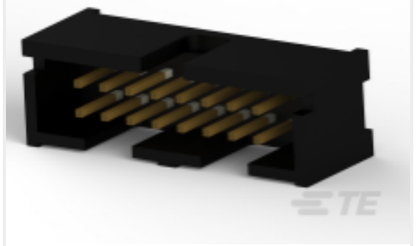
TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



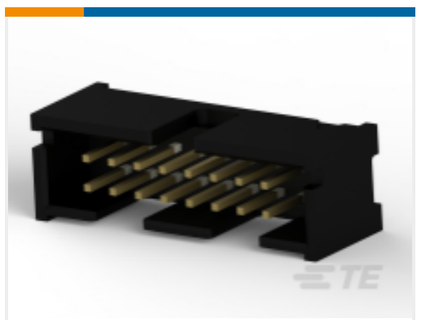
TE Part # 1-111506-8
016 UNIV I/O 30DP SLOT LTCH



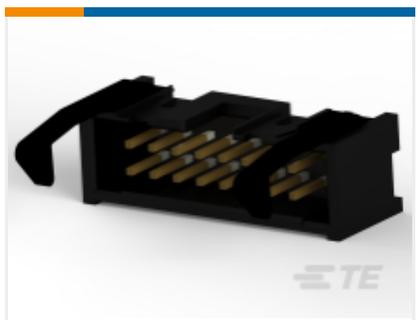
TE Part # 5103310-3
A/L LOW PRO HDR 16P RA BLACK



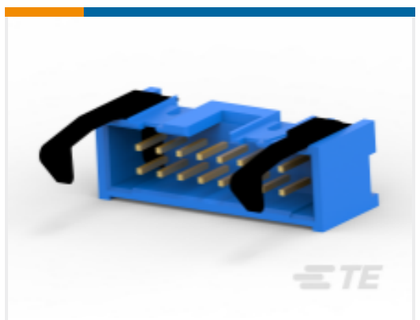
TE Part # 5103309-3
A/L LOW PRO HDR 16P VERT BLACK



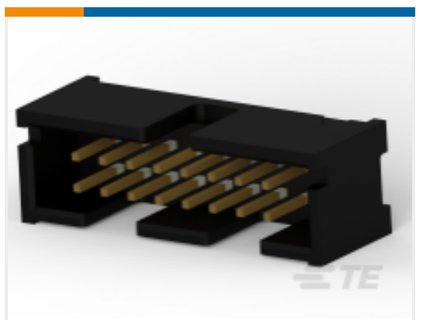
TE Part # 5104338-3
A/L LOW PRO HDR 16P VERT HT



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



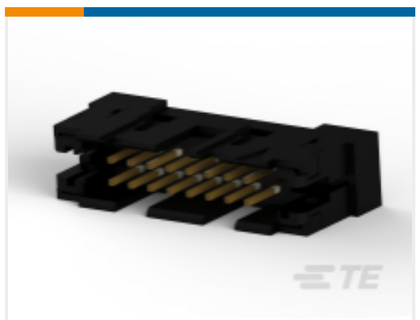
TE Part # 2-1761606-6
IDC LOW PRO HDR 16P VERT LG LAT BLUE



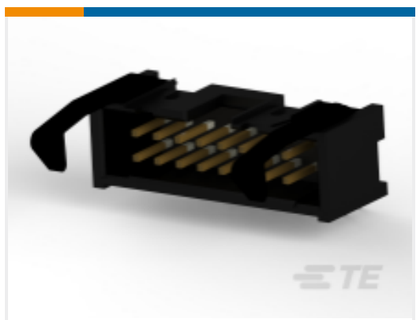
TE Part # 5103308-3
A/L LOW PRO HDR 16P VERT BLACK



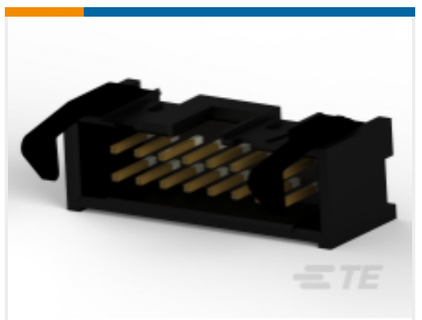
TE Part # 2-1761607-6
IDC LOW PRO HDR 16P RA LG LAT



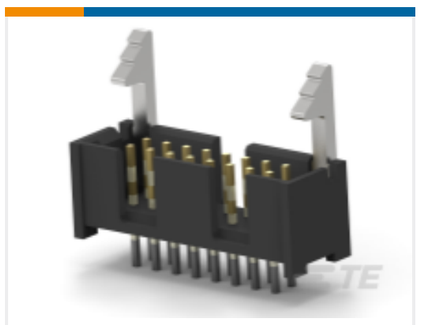
TE Part # 1-111446-6
16 UNIV I/O, NO EARS,LEAD FREE



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



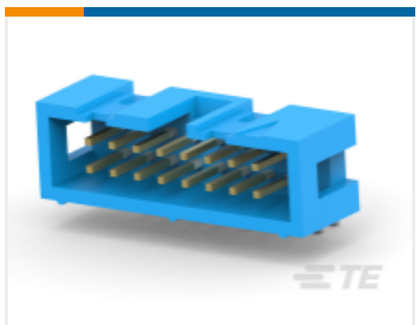
TE Part # 1761608-6
IDC LOW PRO HDR 16P VERT SHT LAT BLK



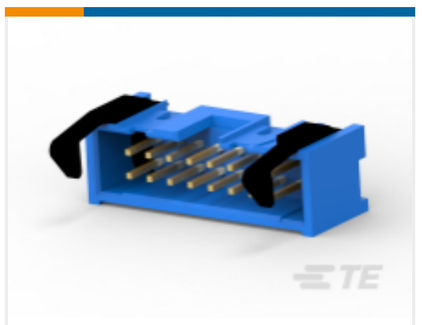
TE Part # 104313-3
016 LOPRO HDR SP 30DP LATCH



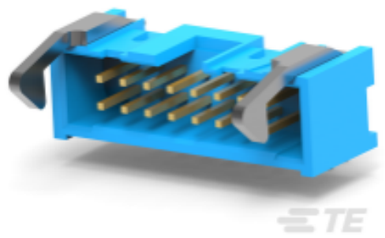
TE Part # 1761681-6
IDC LOW PRO HDR 16P VERT HT BLACK



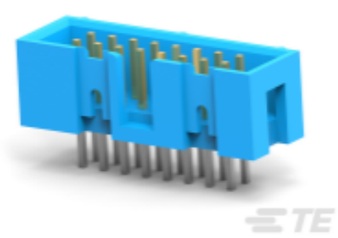
TE Part # 2-1761605-6
IDC LOW PRO HDR 16P RA BLUE



TE Part # 2-1761608-6
IDC LOW PRO HDR 16P VERT SHT L



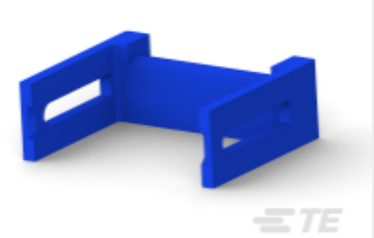
TE Part # 2-1761609-6
IDC LOW PRO HDR 16P RA SHT LAT



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

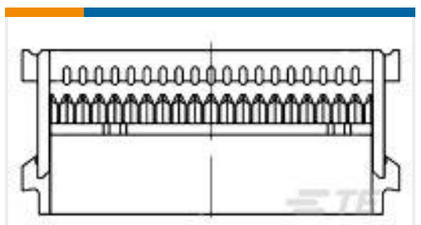


TE Part # 1-111492-7
016 UNIV I/O 30DP NO EARS LTCH



TE Part # CAT-AM71-A85022
Female Socket Connectors: Strain Relief

Customers Also Bought



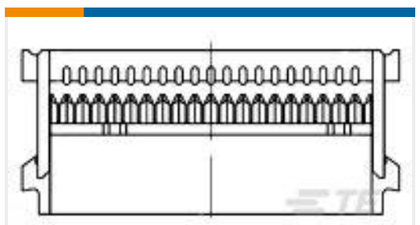
TE Part #1-1658526-5
609-2630LF FEM SOCKT,LEAD FREE



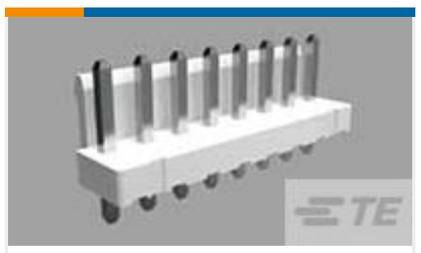
TE Part #1-1437719-1
T01-0540-P03-MALE PLUG CONNECTOR-CRIMP



TE Part #1-1437719-2
T01-0540-P05-MALE PLUG CONNECTOR-CRIMP



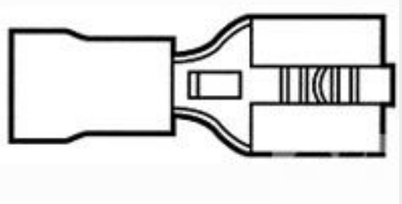
TE Part #1658526-4
609-1030LF FEM SOCKT,LEAD FREE



TE Part #1-1744037-2
12P EC PWR.200 CL HDR ASSY VRT



TE Part #1-1437719-4
T01-0540-S05-FEMALE PLUG CONNECTOR-CRIMP



TE Part #160314-5
250 PIDG FASTON REC



TE Part #1624144-4
23E 47KA 10% 6.35X16FL B8



TE Part #1-1600636-5
MBXL PANEL MT 4P+24S+4P

TE Part #M3031-000005-10KPG
PRESS XDCR M3031-000005-10KPG

Documents

Product Drawings

609-1630LF=FSKT IDC S 16 30AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1658526-9_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1658526-9_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1658526-9_C.3d_stp.zip

English

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Datasheets & Catalog Pages

Ribbon Cable Interconnect Solutions

English

Instruction Sheets

Instruction Sheet (U.S.)

English