

1-1658526-1 ✓ ACTIVE



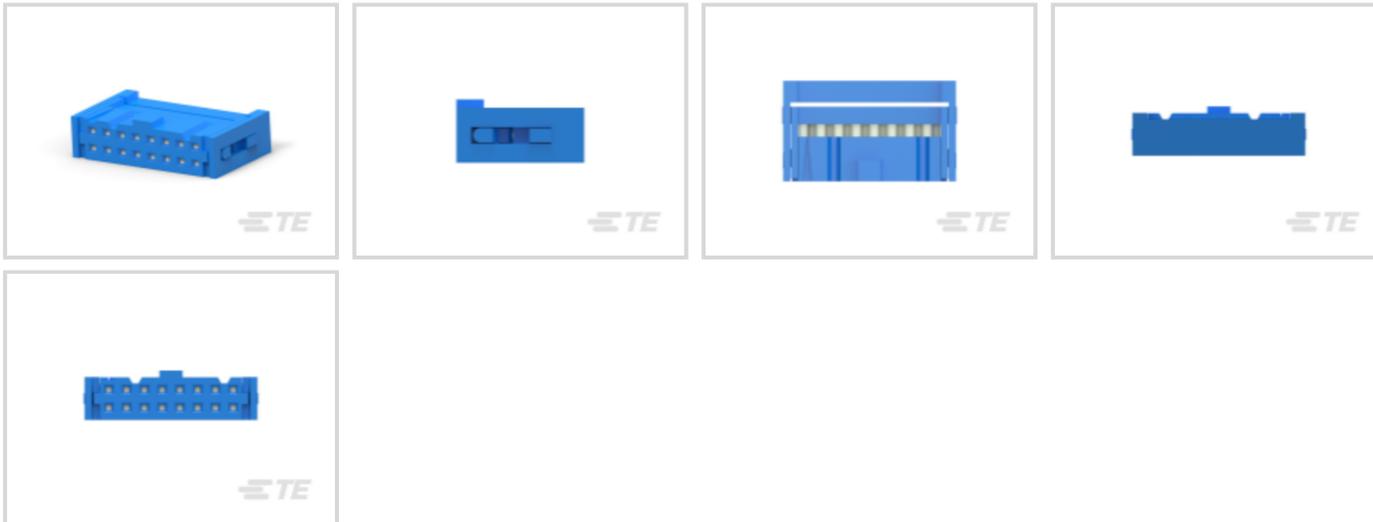
AMP-LATCH

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
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Contact Features

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



Contact Current Rating (Max)	1 A
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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]
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Dimensions

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

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

Circuit Application	Signal
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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 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

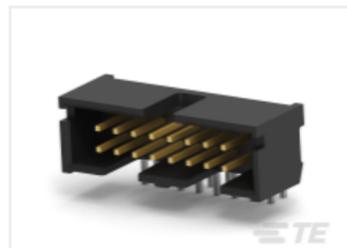


EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 5103311-3
A/L LOW PRO HDR 16P RA BLACK



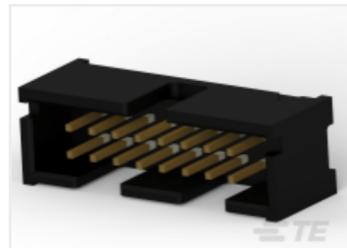
TE Part # 1761686-6
IDC LOW PRO HDR 16P VERT LAT



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



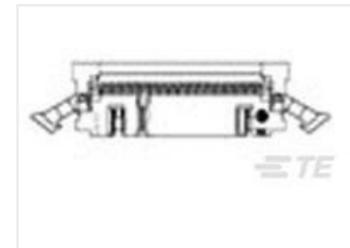
TE Part # 5104340-3
A/L LOW PRO HDR 16P RA HT GRAY



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



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



TE Part # 1-111504-6
016 UNIV I/O 30DP NO EARS LTCH



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



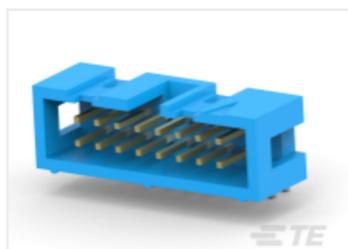
TE Part # 2-1761607-6
IDC LOW PRO HDR 16P RA LAT



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 BLUE



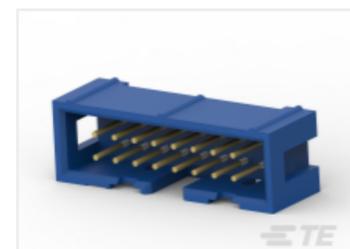
TE Part # 2-1761605-6
IDC LOW PRO HDR 16P RA BLUE



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



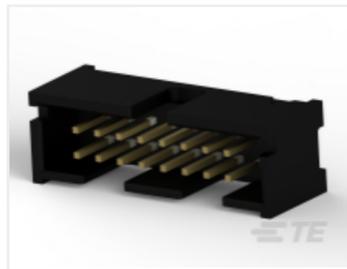
TE Part # 104130-3
016 LOPRO HDR RA 30DP LATCH



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



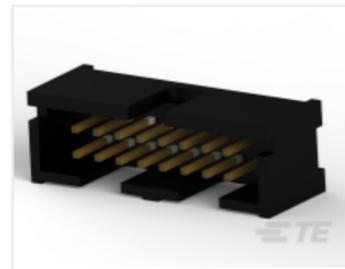
TE Part # 5103310-3
A/L LOW PRO HDR 16P RA BLACK



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



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



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

Customers Also Bought



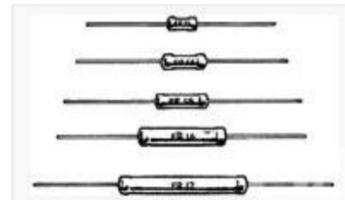
TE Part #2-35110-1
PIDG 12-10 R 1/4; TAPE



TE Part #8-215083-6
MICRO-MATCH MOW.16P



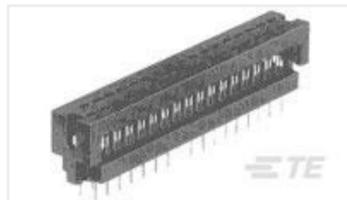
TE Part #350714-1
15P UMNL PIN HDR ASSY 94VO



TE Part #6-1623746-3
ER74 R03 10% AMMO PK



TE Part #4-1625971-3
HSA25 39R 5%



TE Part #1658525-8
622-1653LF, PCB IDC, LEAD FREE



TE Part #1-1658527-0
622-2641LF FEM SOCKET, LEAD FREE



TE Part #1825537-1
MRJE11204



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



TE Part #1483356-1
MICRO-MATCH LEAD 16P 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