

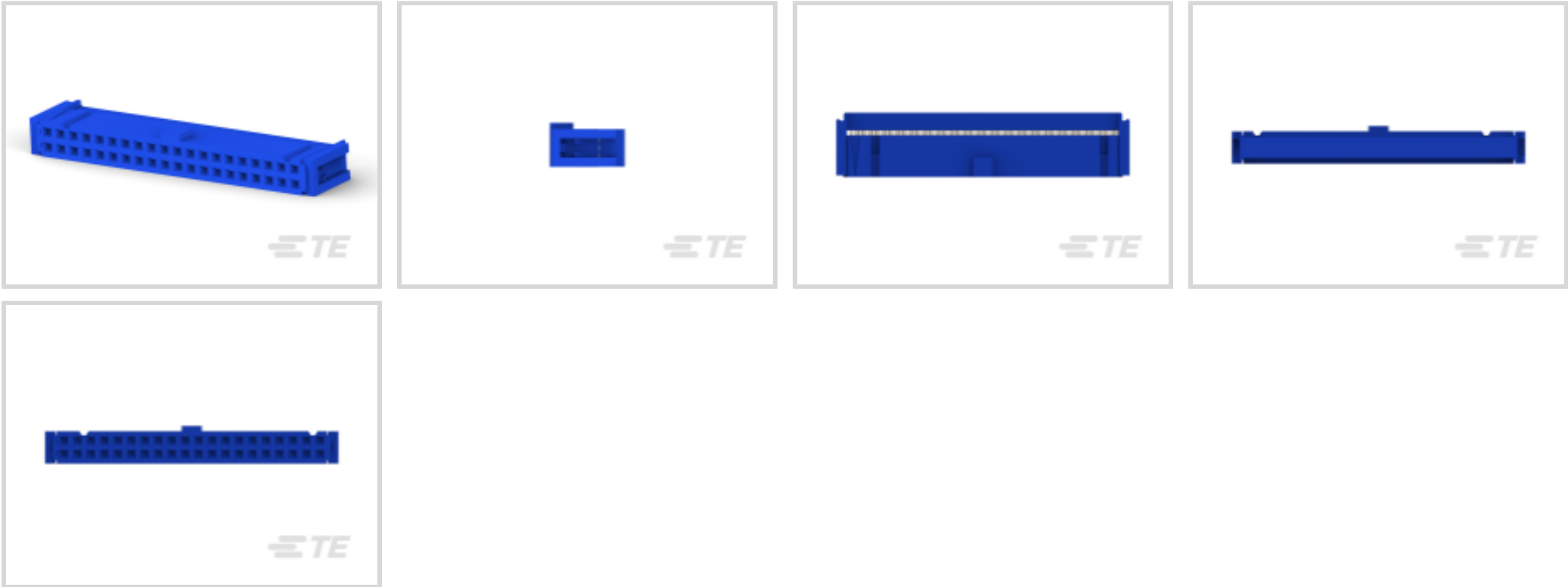


AMP-LATCH

TE Internal #: 1-1658527-3
Wire-to-Board, 40 Position, 2.54 mm [.1 in] Centerline, 2 Row,
Receptacle, Wire & Cable, Signal, Cable Mount (Free-Hanging),
Ribbon Cable Connectors

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



Connector System: **Wire-to-Board**
Number of Positions: **40**
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	40
Number of Rows	2

Body Features

Primary Product Color	Blue
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Contact Features

Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Thickness	.127 μm[5 μin]
	30 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)
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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	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

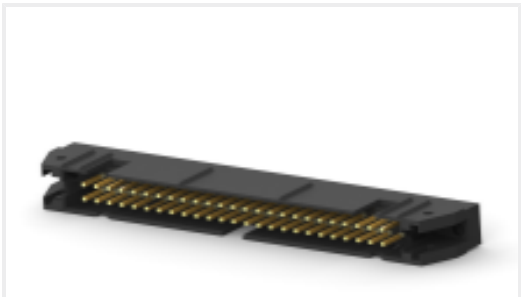


limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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>

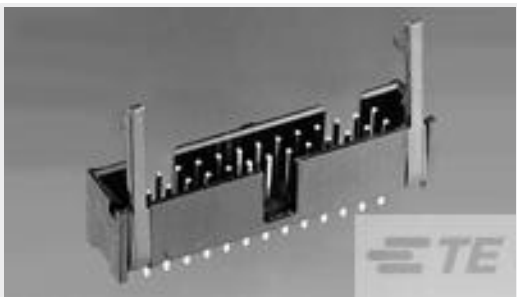
Compatible Parts



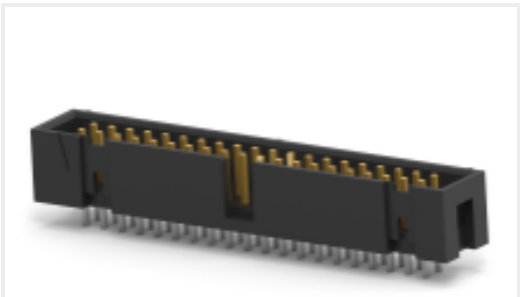
TE Part # 5104340-8
A/L LOW PRO HDR 40P RA HT



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



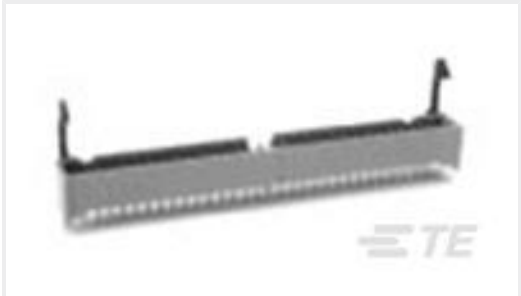
TE Part # 3-1761712-3
IDC LOW PRO HDR 40P RA LAT



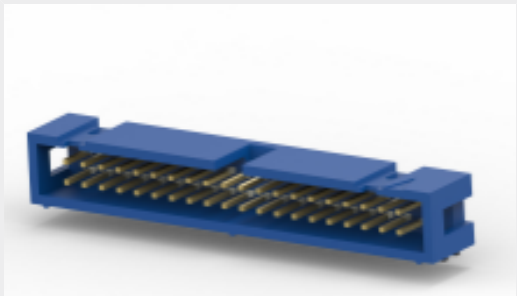
TE Part # 1-1761681-3
IDC LOW PRO HDR 40P VERT HT BLACK



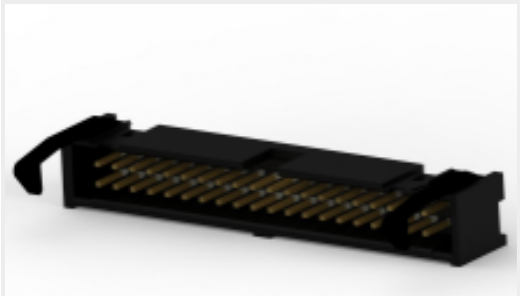
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IDC LOW PRO HDR 40P RA HT BLACK



TE Part # 3-1761711-3
IDC LOW PRO HDR 40P VERT LA



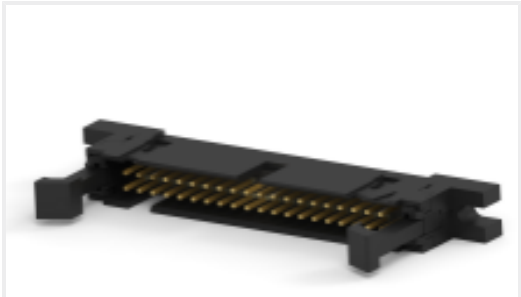
TE Part # 3-1761605-3
IDC LOW PRO HDR 40P RA BLUE



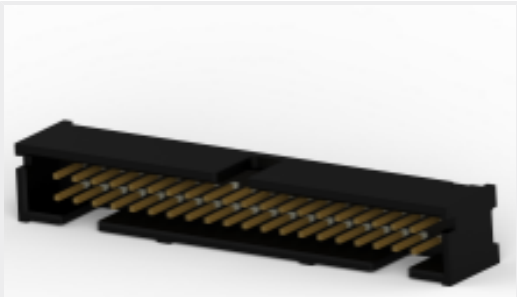
TE Part # 1-1761606-3
IDC LOW PRO HDR 40P VERT LAT BLK



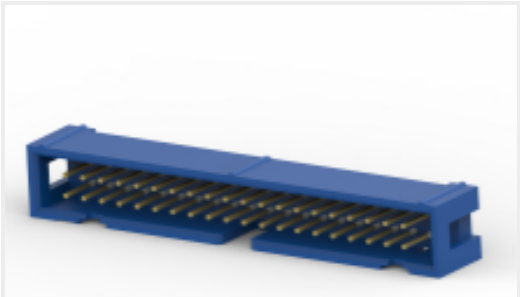
TE Part # 1-1761686-3
IDC LOW PRO HDR 40P VERT LAT



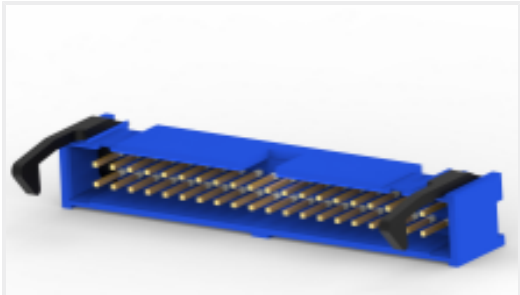
TE Part # 2-111506-4
040 UNIV I/O 30DP SLOT LTCH



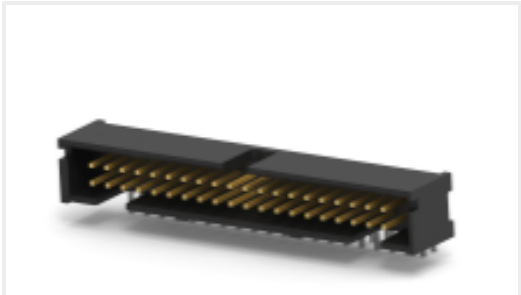
TE Part # 5103308-8
A/L LOW PRO HDR 40P VERT BLACK



TE Part # 3-1761603-3
IDC LOW PRO HDR 40P VERT BLUE



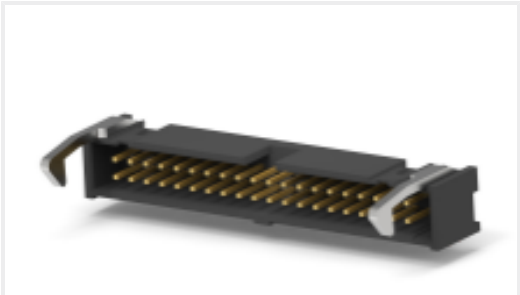
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IDC LOW PRO HDR 40P VERT LA



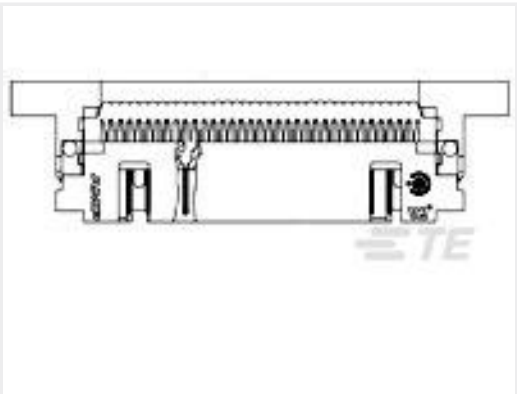
TE Part # 5103311-8
A/L LOW PRO HDR 40P RA BLACK



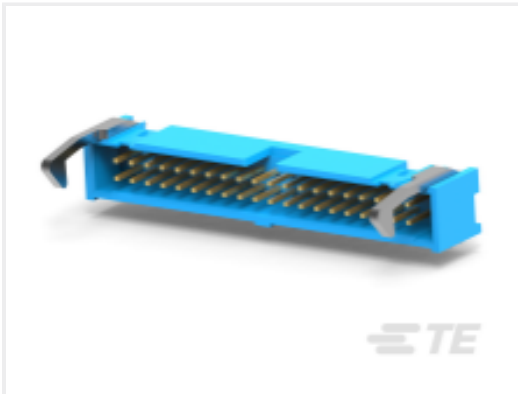
TE Part # 102320-3
A/L UNIV HDR EJT LATCH BLUE



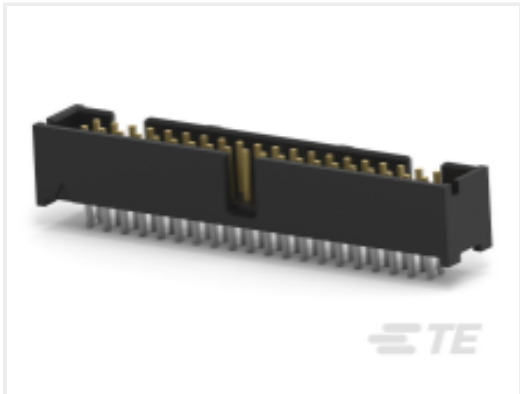
TE Part # 1-1761607-3
IDC LOW PRO HDR 40P RA LAT BLK



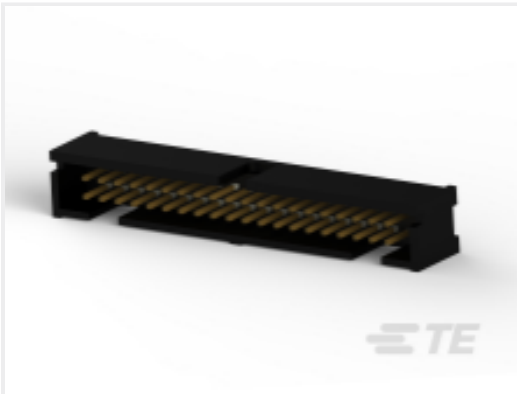
TE Part # 5111448-9
040 UNIV I/O 30DP SLOT



TE Part # 3-1761607-3
IDC LOW PRO HDR 40P RA LAT

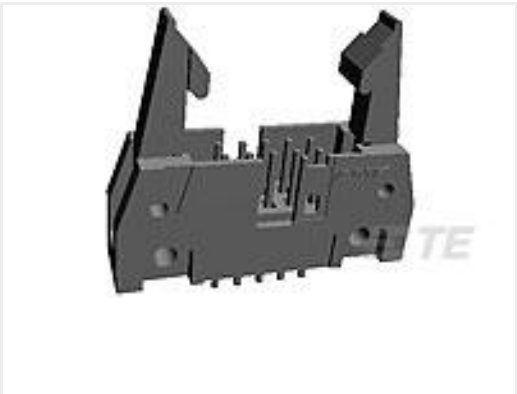


TE Part # 5104338-8
A/L LOW PRO HDR 40P VERT HT



TE Part # 5103310-8
A/L LOW PRO HDR 40P RA BLACK

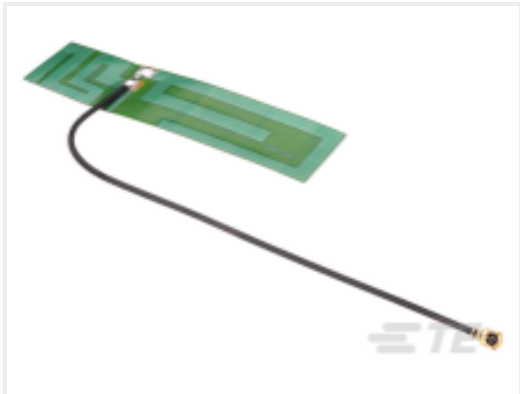
Customers Also Bought



TE Part #2-5499206-9
A/L UNIV HDR 40P VERT LAT B



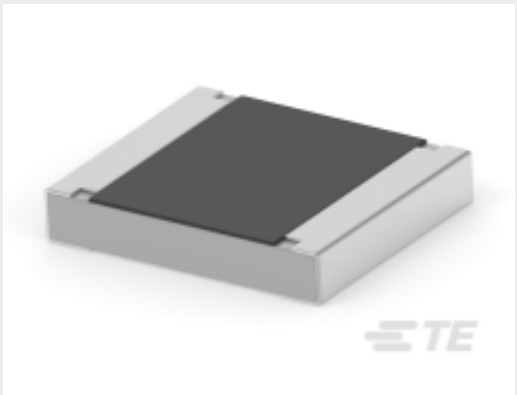
TE Part #1-215570-4
MICRO-MATCH PBC.14P



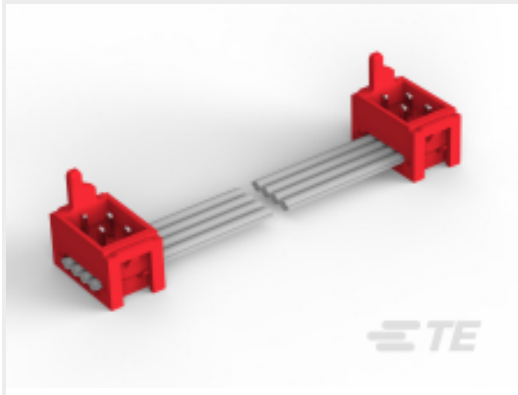
TE Part #ANT-LPC-FPC-150
Antenna Vert 5G LTE FPC 150



TE Part #1614885-4
CPF 0805 68K 0.1% 25PPM 1K RL



TE Part #2176346-6
CRGCQ 1210 6R8 5%



TE Part #CAT-M5833-C1121
MICRO-MATCH STD MOW TO MOW CABLE ASSY



TE Part #100161-1
Z-PACK/C F-HDR 55P



TE Part #6-1879350-5
RR01 5% 100R AMMO



TE Part #ESP-100-POE
Surge,Eth,100Mb,RJ45 7.5V/70V,10KA Surge

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1658527-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1658527-3_C.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_1-1658527-3_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English