1-1658527-2 ✔ ACTIVE

AMP-LATCH

TE Internal #: 1-1658527-2

Wire-to-Board, 40 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: **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

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)

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

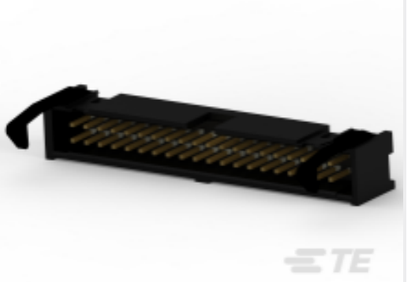
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	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

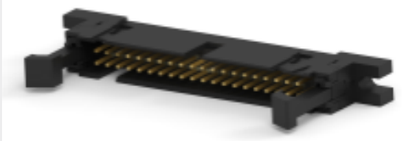
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



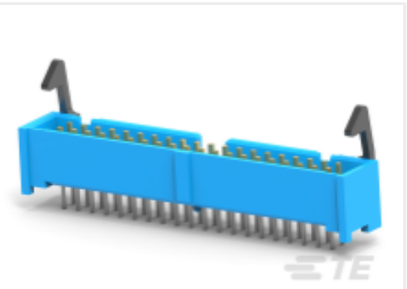
TE Part # 1-1761606-3
IDC LOW PRO HDR 40P VERT LAT BLK

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

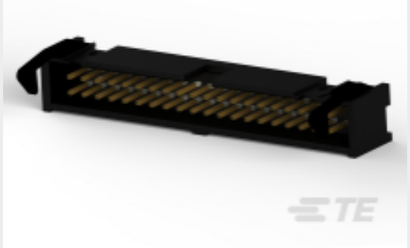


TE Part # 2-111506-4
040 UNIV I/O 30DP SLOT LTCH

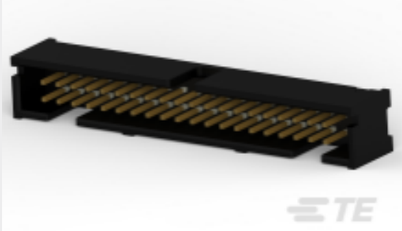
TE Part # 5088450-9
PULL LOOP, CUT LENGTH 1.82 IN



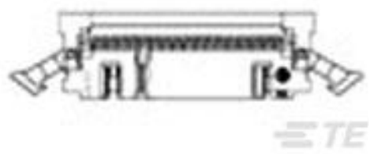
TE Part # 3-1761608-3
IDC LOW PRO HDR 40P VERT SHT L



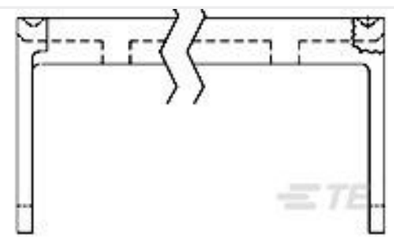
TE Part # 1-1761608-3
IDC LOW PRO HDR 40P VERT SHT L



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



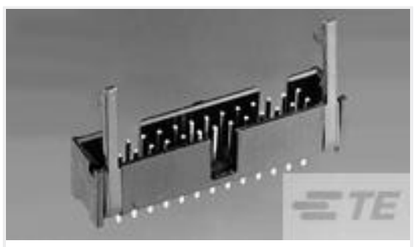
TE Part # 2-111494-2
040 UNIV I/O 30DP SLOT LTCH



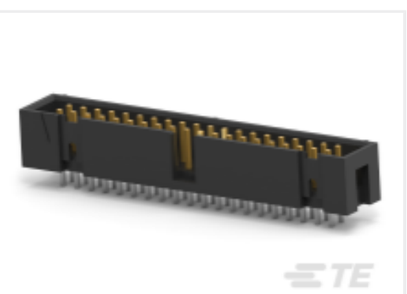
TE Part # 8-1437024-3
622-4031=FSKT IDC S 40 SR

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

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



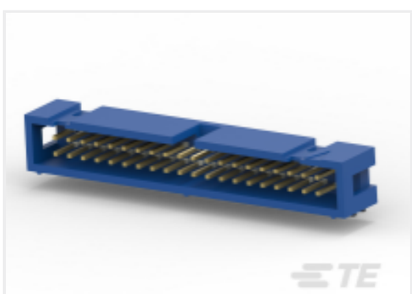
TE Part # 3-1761712-3
IDC LOW PRO HDR 40P RA LAT



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

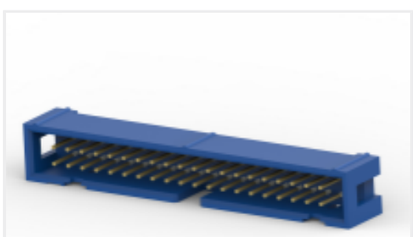
TE Part # 1-1761682-3
IDC LOW PRO HDR 40P RA HT BLACK

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

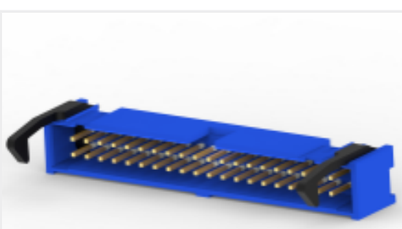


TE Part # 3-1761605-3
IDC LOW PRO HDR 40P RA BLUE

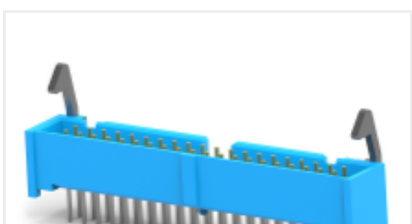
TE Part # 1-1761685-3
IDC LOW PRO HDR 40P VERT SHT LAT



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



TE Part # 3-1761606-3
IDC LOW PRO HDR 40P VERT LA



TE Part # 3-1761713-3
IDC LOW PRO HDR 40P VERT SHT L

Customers Also Bought

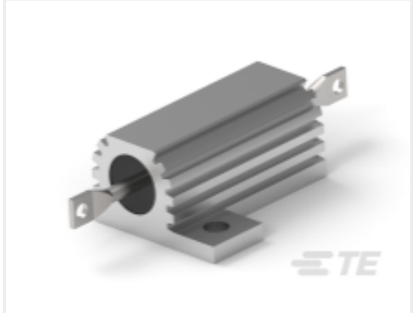
TE Part #103957-6
2X7 MTE RCPT SR LATCH .100CL

TE Part #1-66358-8
III+ SKT,18-14,TIN ,STRIP

TE Part #329951
TERMINAL,PIDG R 26-22 2

TE Part #1-1658527-4
622-5030LF FEM SOCKT,LEAD FREE

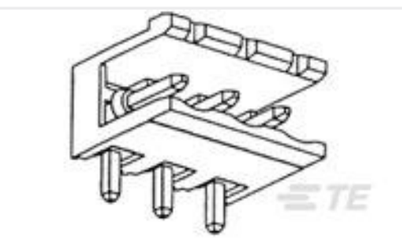
TE Part #5208006-2
HD-20 PLUG 9P VERT



TE Part #CAT-C339-T419
Power Resistor: Aluminum Housed, 75 Watt

TE Part #63539-1
250 FASTON REC 14-10 AWG TPBR

TE Part #1658527-4
622-1041LF FEM SOCKT,LEAD FREE



TE Part #282815-2
TERMI-BLOK HEADER,ASSY90 2P.5

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1658527-2_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1658527-2_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-1658527-2_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