



AMP-LATCH

TE Internal #: 1658528-8
Ribbon Cable Connectors, Wire-to-Board, 50 Position, 2.54mm [.1in] Centerline, Insulation Displacement Crimp (IDC), Row-to-Row Spacing 2.54 mm [.1 in]
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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: **50**
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	50
Number of Rows	2

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating Material Thickness	.127 μm[5 μin]
Wire Contact Termination Area Plating Material	Gold Flash
	15 μin
Contact Mating Area Plating Material	Gold



Contact Current Rating (Max)	1 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
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Mechanical Attachment

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

Housing Features

Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]

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: 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

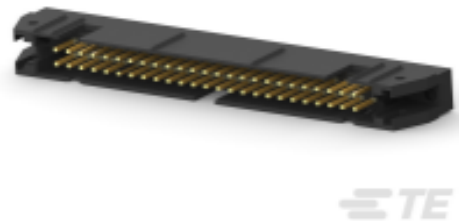
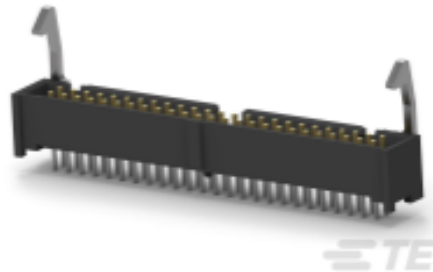
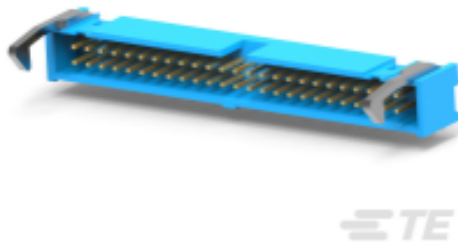
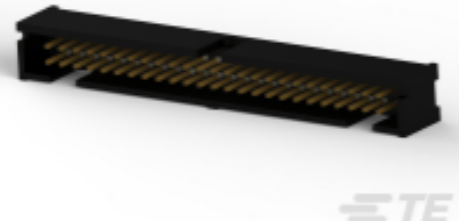
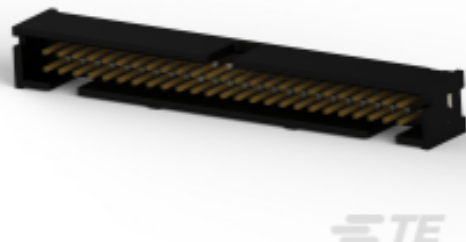
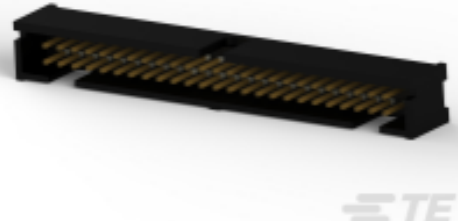
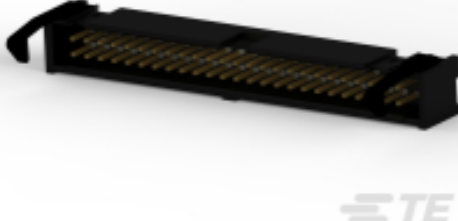
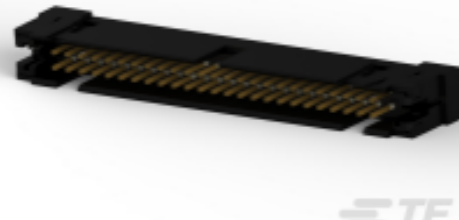
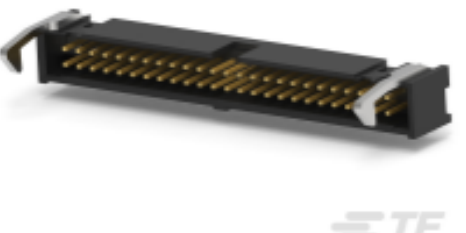
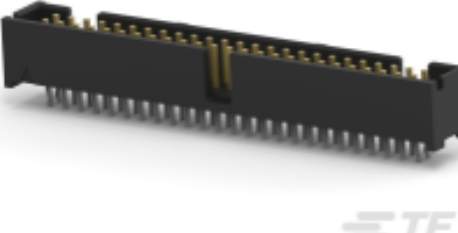
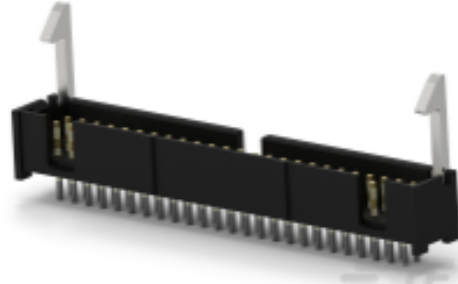
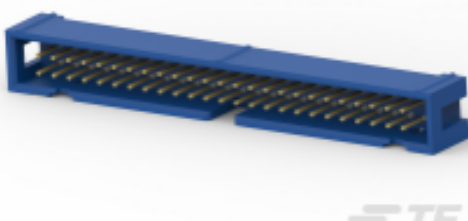
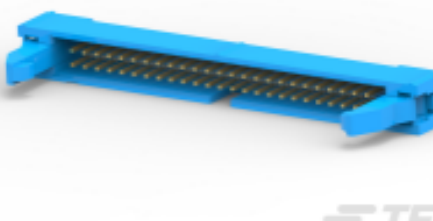
Product Compliance Disclaimer

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 # CAT-AM71-UN385 Universal Headers: Ejector Latch	 TE Part # 3-1761606-5 IDC LOW PRO HDR 50P VERT LG LA	 TE Part # 3-1761607-5 IDC LOW PRO HDR 50P RA LG LAT
 TE Part # 1-5103310-0 A/L LOW PRO HDR 50P RA BLACK	 TE Part # 1-5103308-0 A/L LOW PRO HDR 50P VERT BLACK	 TE Part # 1-5103309-0 A/L LOW PRO HDR 50P VERT BLACK	 TE Part # 1-1761606-5 IDC LOW PRO HDR 50P VERT LG LA
 TE Part # 1-111446-7 50 UNIV I/O, NO EARS, LEAD FREE	 TE Part # 1-1761607-5 IDC LOW PRO HDR 50P RA LG LAT BLK	 TE Part # 5104338-9 A/L LOW PRO HDR 50P VERT HT	 TE Part # 104128-9 050 LOPRO HDR SP 30DP LATCH
 TE Part # 3-1761603-5 IDC LOW PRO HDR 50P VERT BLUE	 TE Part # 3-1761605-5 IDC LOW PRO HDR 50P RA BLUE	 TE Part # 1-1761686-5 IDC LOW PRO HDR 50P VERT LG LAT	 TE Part # 5104340-9 A/L LOW PRO HDR 50P RA HT





TE Part # 3-1761711-5
IDC LOW PRO HDR 50P VERT LG LA



TE Part # 1-1761681-5
IDC LOW PRO HDR 50P VERT HT BLACK



TE Part # 3-1761712-5
IDC LOW PRO HDR 50P RA LG LAT BLACK



TE Part # 1-5103311-0
A/L LOW PRO HDR 50P RA BLACK

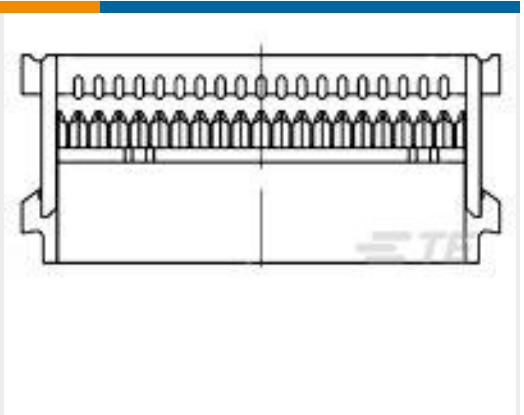
Customers Also Bought



TE Part #1-747947-6
IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm



TE Part #1053378-1
2064 0000 00



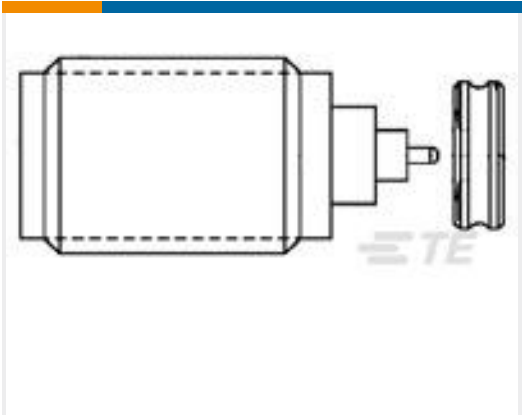
TE Part #1-1658526-3
609-2041LF FEM SOCKT,LEAD FREE



TE Part #1-770248-0
UMNL II PIN SN/AUNI/BR LP



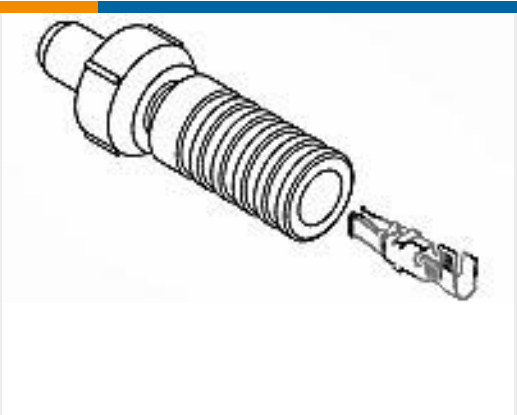
TE Part #102394-6
16 AMP MODU MT HSG DR .100CL



TE Part #1053182-1
2058 3415 02



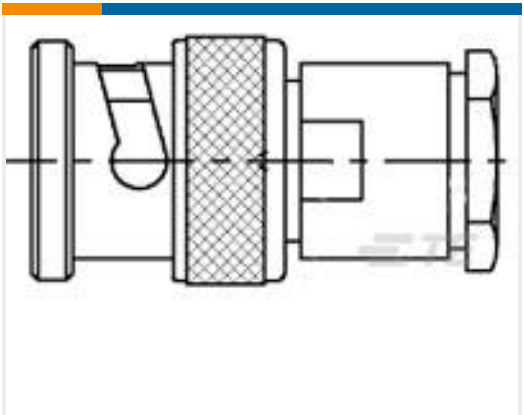
TE Part #1-770255-0
UMNL II GRND PIN LP DUPL BR LF



TE Part #863103-1
LGH CSL PLUG ASSY



TE Part #1-1437625-3
PKX130B1/4=KNOB BLACK MATTI



TE Part #1-1337421-0
BNC Str Plg MC 50Ohm Silver Pl

Documents

- Product Drawings

636-5041LF FEM SOCKT,LEAD FREE

English
- CAD Files

3D PDF

3D
- Customer View Model

ENG_CVM_CVM_1658528-8_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1658528-8_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658528-8_D.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