

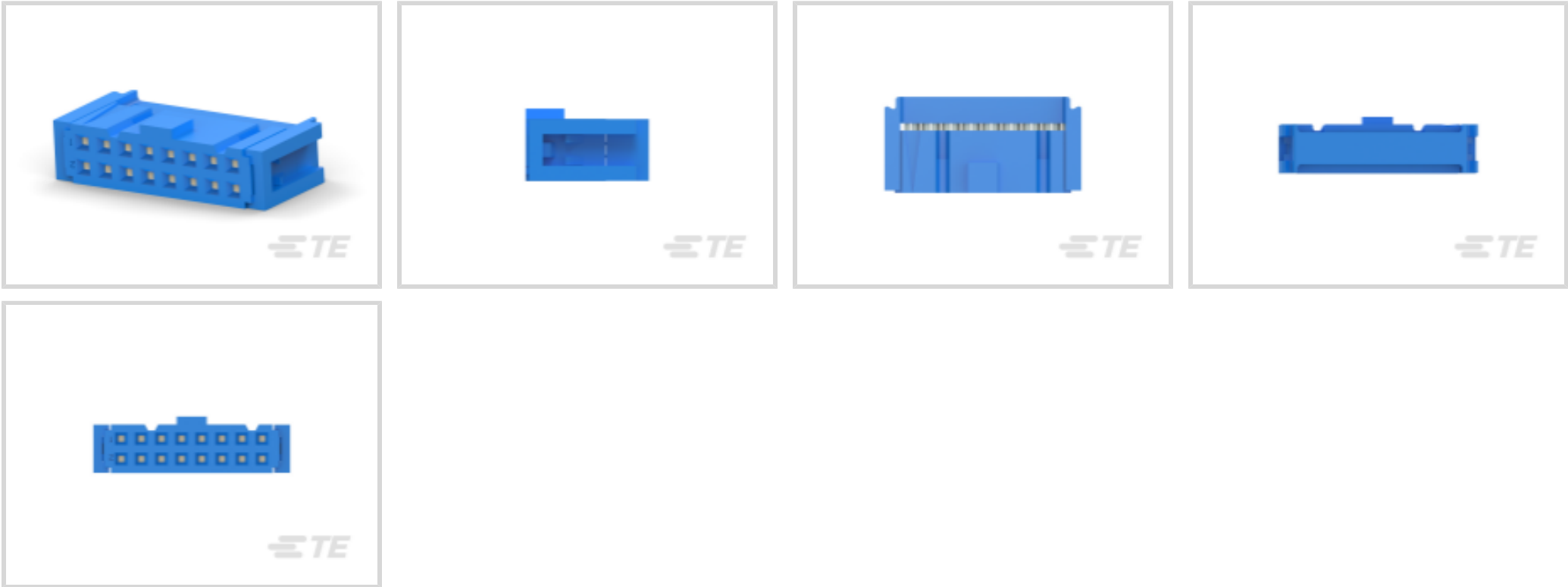


AMP-LATCH

TE Internal #: 1658527-7
Wire-to-Board, 16 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: **16**
Centerline (Pitch): **2.54 mm [.1 in]**
Row-to-Row Spacing: **2.54 mm [.1 in]**
Number of Rows: **2**

Features

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Body Features

Primary Product Color	Blue
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Contact Features

Contact Mating Area Plating Material	Gold
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

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Receptacle



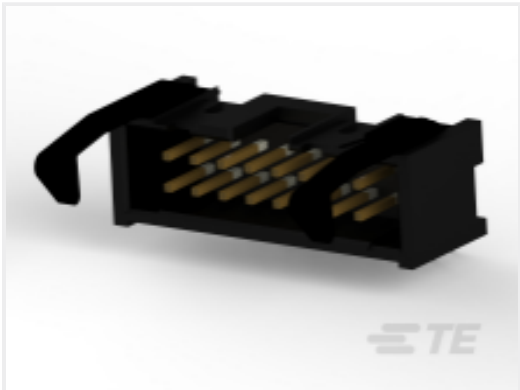
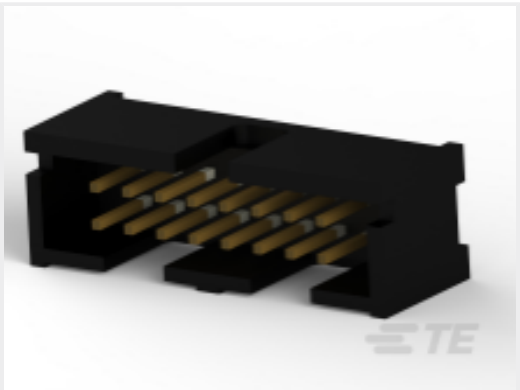
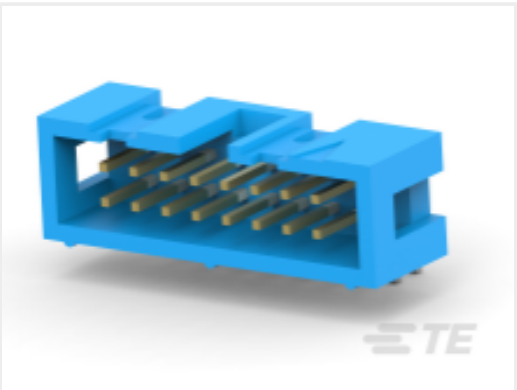
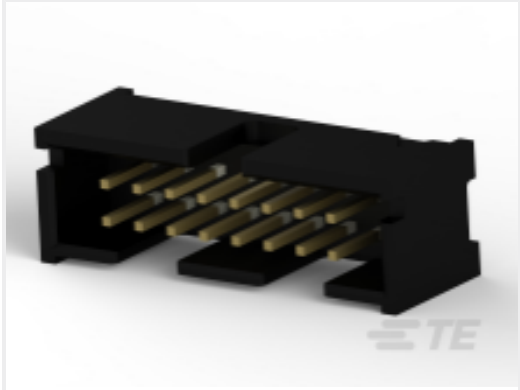
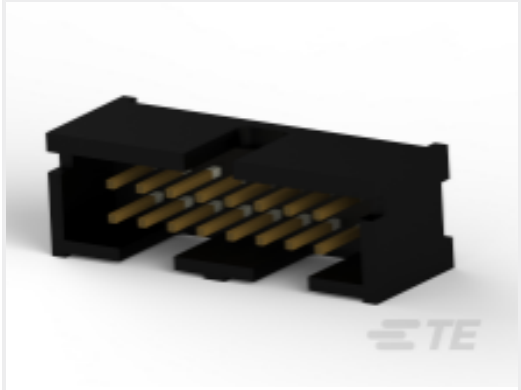
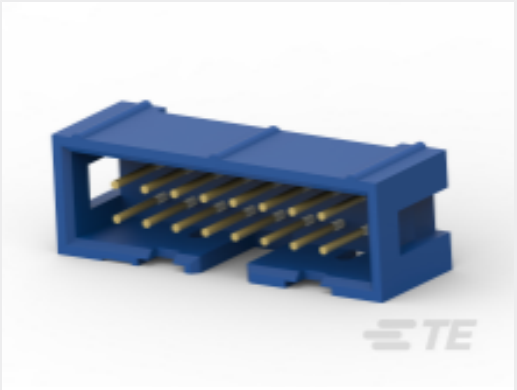
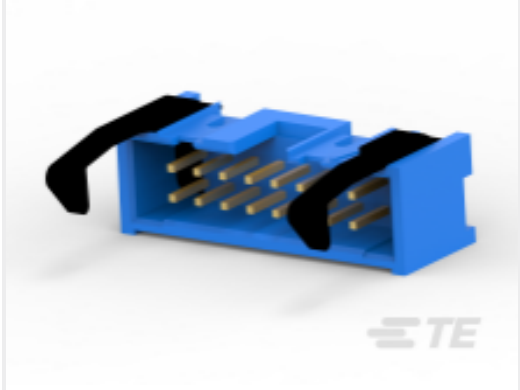
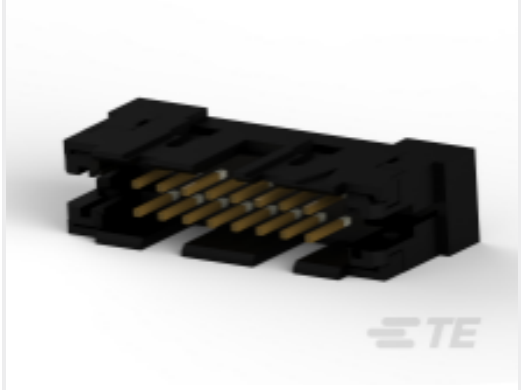
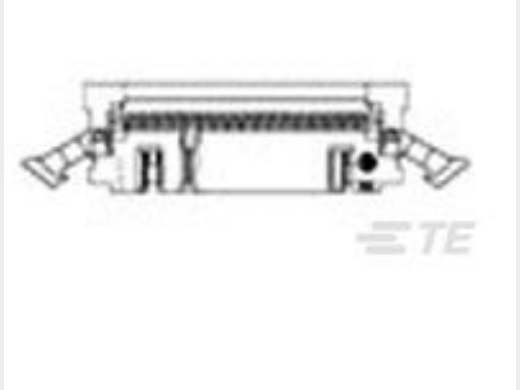
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	16
Number of Rows	2
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
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
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
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 2024 (241) 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

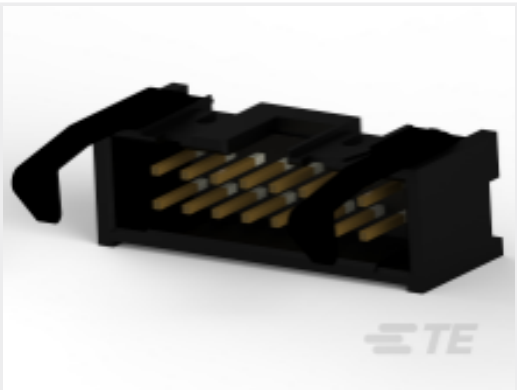


Product Compliance Disclaimer

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

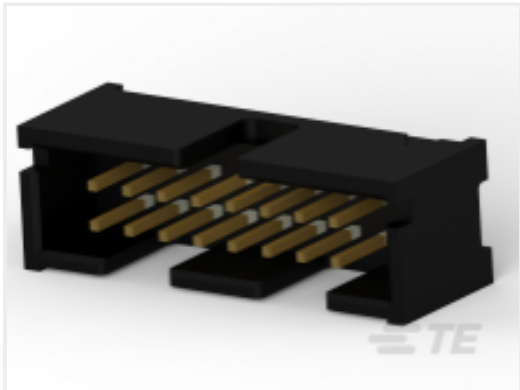
 TE Part # 1761607-6 IDC LOW PRO HDR 16P RA LG LAT BLK	 TE Part # 2-1761679-6 IDC LOW PRO HDR 16P VERT BLUE	 TE Part # 5103309-3 A/L LOW PRO HDR 16P VERT BLACK	 TE Part # 2-1761605-6 IDC LOW PRO HDR 16P RA BLUE
 TE Part # 5104338-3 A/L LOW PRO HDR 16P VERT HT	 TE Part # 5103310-3 A/L LOW PRO HDR 16P RA BLACK	 TE Part # CAT-AM74-UN384H AMP-LATCH UNIVERSAL HEADERS	 TE Part # 2-1761603-6 IDC LOW PRO HDR 16P VERT BLUE
 TE Part # 2-1761606-6 IDC LOW PRO HDR 16P VERT LG LAT BLUE	 TE Part # 1-111446-6 16 UNIV I/O, NO EARS, LEAD FREE	 TE Part # 1-111504-6 016 UNIV I/O 30DP NO EARS LTCH	 TE Part # 2-1761607-6 IDC LOW PRO HDR 16P RA LG LAT



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



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



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



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



TE Part # 5103311-3
A/L LOW PRO HDR 16P RA BLACK



TE Part # 104128-3
016 LOPRO HDR SP 30DP LATCH



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

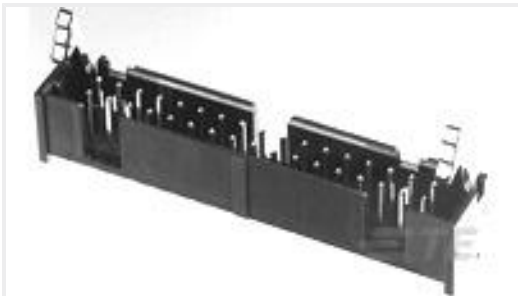


TE Part # 1-111506-8
016 UNIV I/O 30DP SLOT LTCH

Customers Also Bought



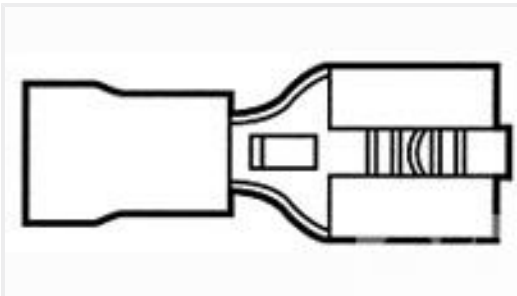
TE Part #167501-2
FEMALE SCREWLOCK



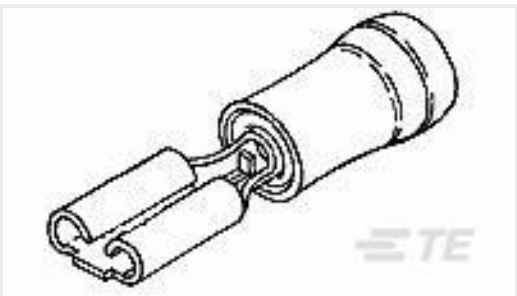
TE Part #2-1761606-6
IDC LOW PRO HDR 16P VERT LG LAT BLUE



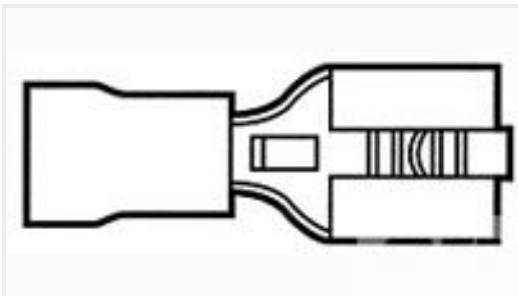
TE Part #4-1625999-0
HSC100 4R7 5%



TE Part #9-160313-6
250 PIDG FASTON REC



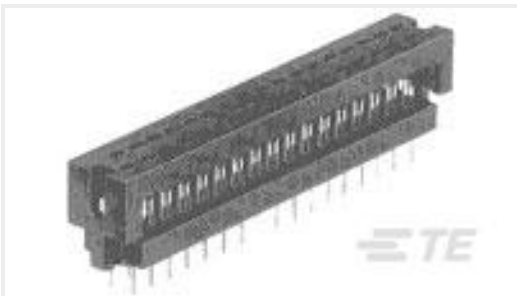
TE Part #165566-4
110 PIDG FASTON REC



TE Part #9-160583-6
250 PIDG FASTON REC



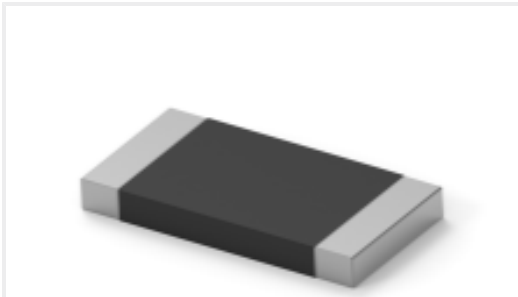
TE Part #165133
PIDG WIRE PIN



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



TE Part #4-1623750-9
ER58 R47 5% AMMO



TE Part #8-2176422-7
TLRP 2512 3.0W R025 1% 75PPM 4K RL

Documents



Product Drawings

622-1641LF FEM SOCKT,LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658527-7_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658527-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658527-7_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