

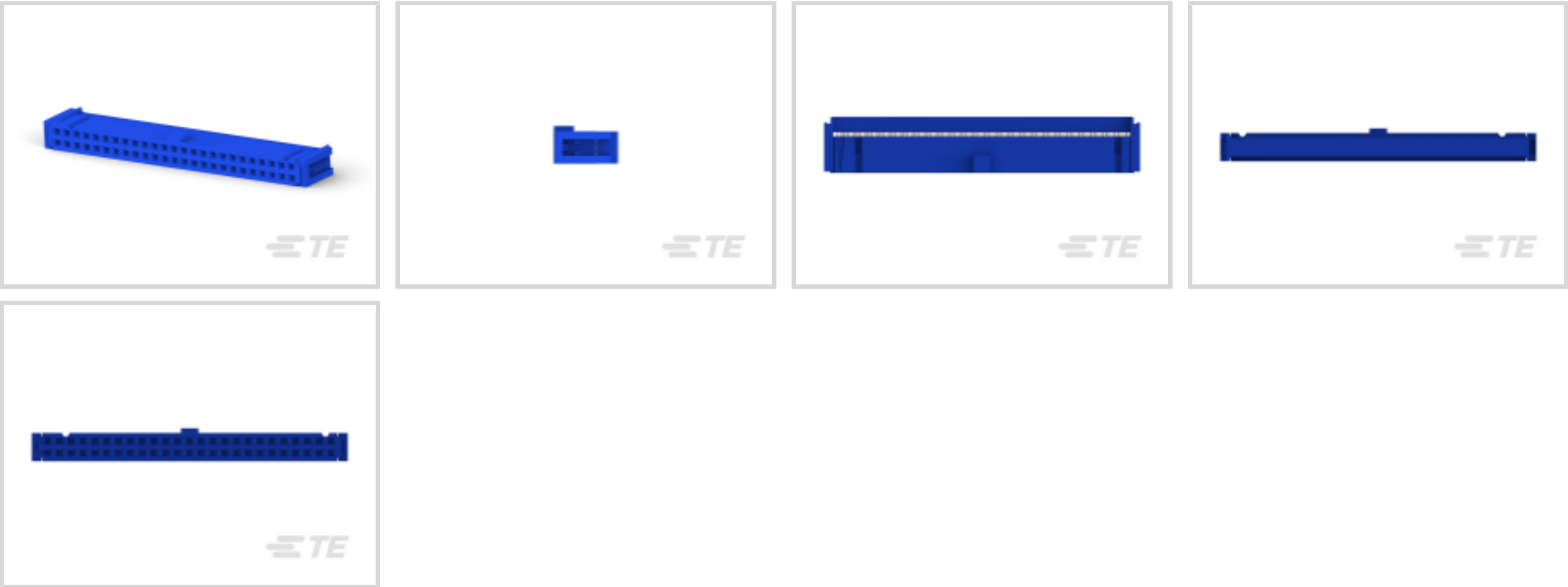


AMP-LATCH

TE Internal #: 1-1658527-5
Wire-to-Board, 50 Position, 2.54 mm [.1 in] Centerline, 2 Row,
Receptacle, Polarization Mating Alignment Type, Wire & Cable,
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: **50**
Centerline (Pitch): **2.54 mm [.1 in]**
Row-to-Row Spacing: **2.54 mm [.1 in]**
Number of Rows: **2**

Features

Contact Features

	30 µin
Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Thickness	.127 µm[5 µin]
Wire Contact Termination Area Plating Material	Gold Flash
Mating Square Post Dimension	.64 mm[.025 in]

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	50
Number of Rows	2



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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Mechanical Attachment

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

Operation/Application

Circuit Application	Signal
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Primary Product Color	Blue
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

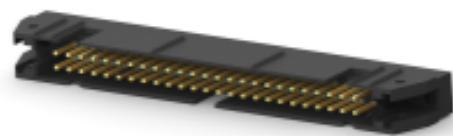
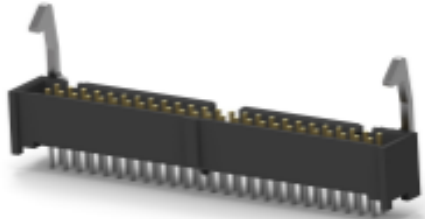
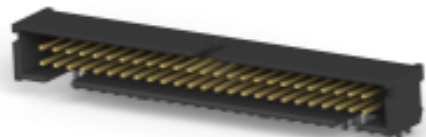
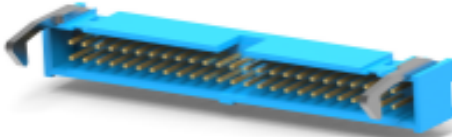
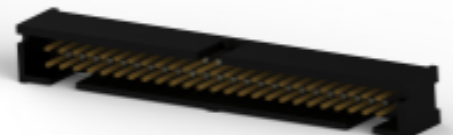
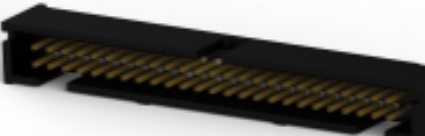
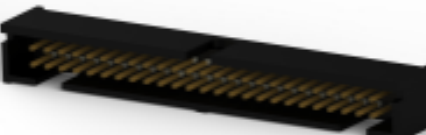
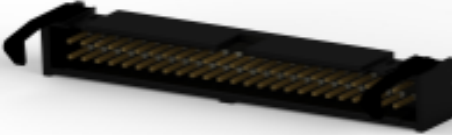
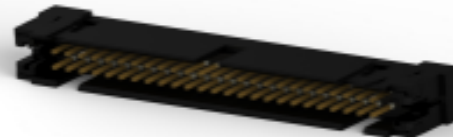
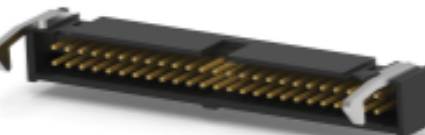
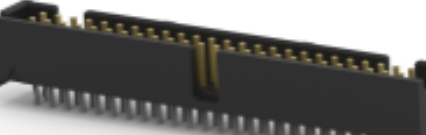
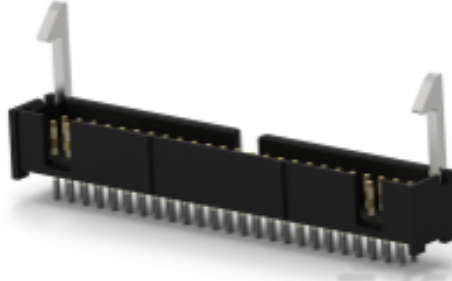
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # CAT-AM74-UN384H AMP-LATCH UNIVERSAL HEADERS	 TE Part # 3-1761606-5 IDC LOW PRO HDR 50P VERT LG LA	 TE Part # 1-5103311-0 A/L LOW PRO HDR 50P RA BLACK	 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

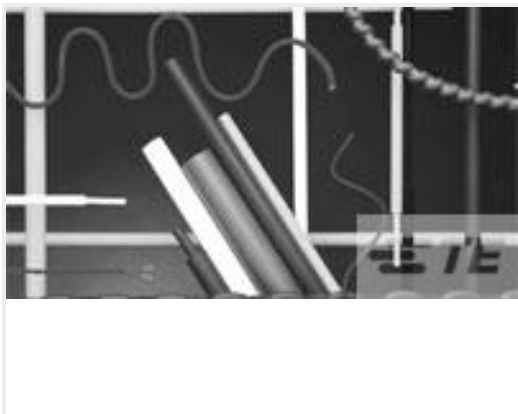


TE Part # 1-111506-4
50 UNIV I/O, SLOTTED, LEAD FREE

Customers Also Bought



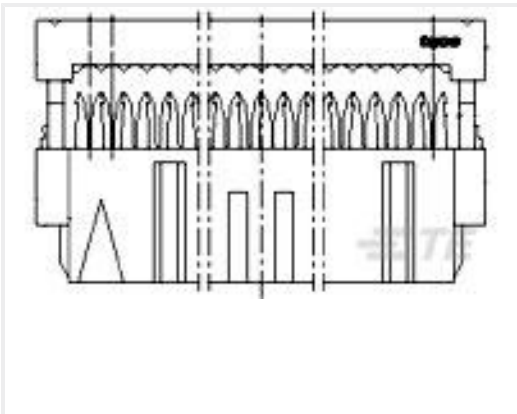
TE Part #2-1462037-7
IM06TS=IM RELAY 140mW 12V



TE Part #5069804009
CGPT-1.6/0.8-0-SP



TE Part #1658525-9
622-2053LF, PCB IDC, LEAD FREE



TE Part #1-215911-0
10 WAY GREY MK II RECP



TE Part #2-1658527-2
622-1441LF=FSKT IDC S 14 30AU



TE Part #806703-000
222A152-25-0



TE Part #F419993001
FLHTC0311-1.50-0



TE Part #1SNK508411R0000
ZS4-SF1-T2



TE Part #1478769-6
ANTI-VIB NYLON GLD 32MM BLK

Documents



Product Drawings

622-5041LF FEM SOCKT,LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1658527-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1658527-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1658527-5_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