

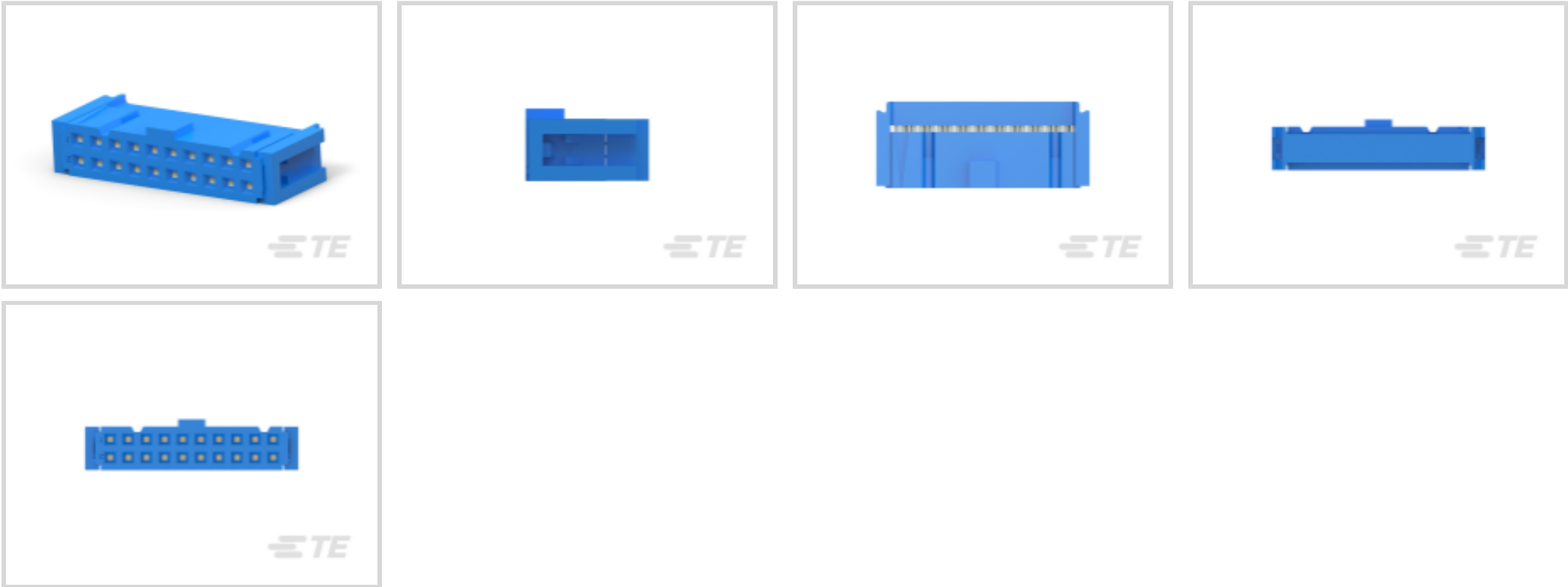


AMP-LATCH

TE Internal #: 1658527-8
Ribbon Cable Connectors, Wire-to-Board, 20 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: **20**
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	20
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
	30 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	Blue
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 # 104128-4 020 LOPRO HDR SP 30DP LATCH	TE Part # 1761607-7 IDC LOW PRO HDR 20P RA LG LAT	TE Part # 1761681-7 IDC LOW PRO HDR 20P VERT HT BLACK
TE Part # 2-1761606-7 IDC LOW PRO HDR 20P VERT LG LA	TE Part # 2-1761603-7 IDC LOW PRO HDR 20P VERT BLUE	TE Part # 5103310-5 A/L LOW PRO HDR 20P RA BLACK	TE Part # 5103311-5 A/L LOW PRO HDR 20P RA BLACK
TE Part # 1761606-7 IDC LOW PRO HDR 20P VERT LG LAT BLK	TE Part # 2-1761607-7 IDC LOW PRO HDR 20P RA LG LAT	TE Part # 5103309-5 A/L LOW PRO HDR 20P VERT BLACK	TE Part # 5103308-5 A/L LOW PRO HDR 20P VERT BLACK
TE Part # 1-111446-8 020 UNIV I/O 30DP NO EARS	TE Part # 1-111504-7 020 UNIV I/O 30DP NO EARS LTCH	TE Part # 5104338-4 A/L LOW PRO HDR 20P VERT HT	TE Part # 5111448-4 020 UNIV I/O 30DP SLOT



TE Part # 2-1761679-7
IDC LOW PRO HDR 20P VERT BLUE

TE Part # 1761686-7
IDC LOW PRO HDR 20P VERT LG LAT

TE Part # 2-1761712-7
IDC LOW PRO HDR 20P RA LG LAT

TE Part # 2-1761711-7
IDC LOW PRO HDR 20P VERT LG LA

Customers Also Bought

TE Part #1487588-2
USB, A-B, 28/24, WHITE, 1.5M

TE Part #1-1658527-0
622-2641LF FEM SOCKET, LEAD FREE

TE Part #1-1658527-3
622-4041LF FEM SOCKET, LEAD FREE

TE Part #1622302-1
LR1 1% 10R

TE Part #1622382-1
LR1 1% 20K

TE Part #1-1658527-5
622-5041LF FEM SOCKET, LEAD FREE

TE Part #1-826646-6
16P AMPMODU II STIFT LEI

TE Part #1487588-1
USB, A-B, 28/24, WHITE, 2.0M

TE Part #6-1393254-3
W92-X1110-20=M6/M7/M9/W6/W7

TE Part #1483356-1
MICRO-MATCH LEAD 16P 100MM

Documents

Product Drawings
622-2041LF FEM SOCKET, LEAD FREE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1658527-8_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1658527-8_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658527-8_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

Product Environmental Compliance

[MD_1658527-8_041620181210_dmtec](#)

English

[MD_1658527-8_041620181210_dmtec](#)

English

Instruction Sheets

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

English