

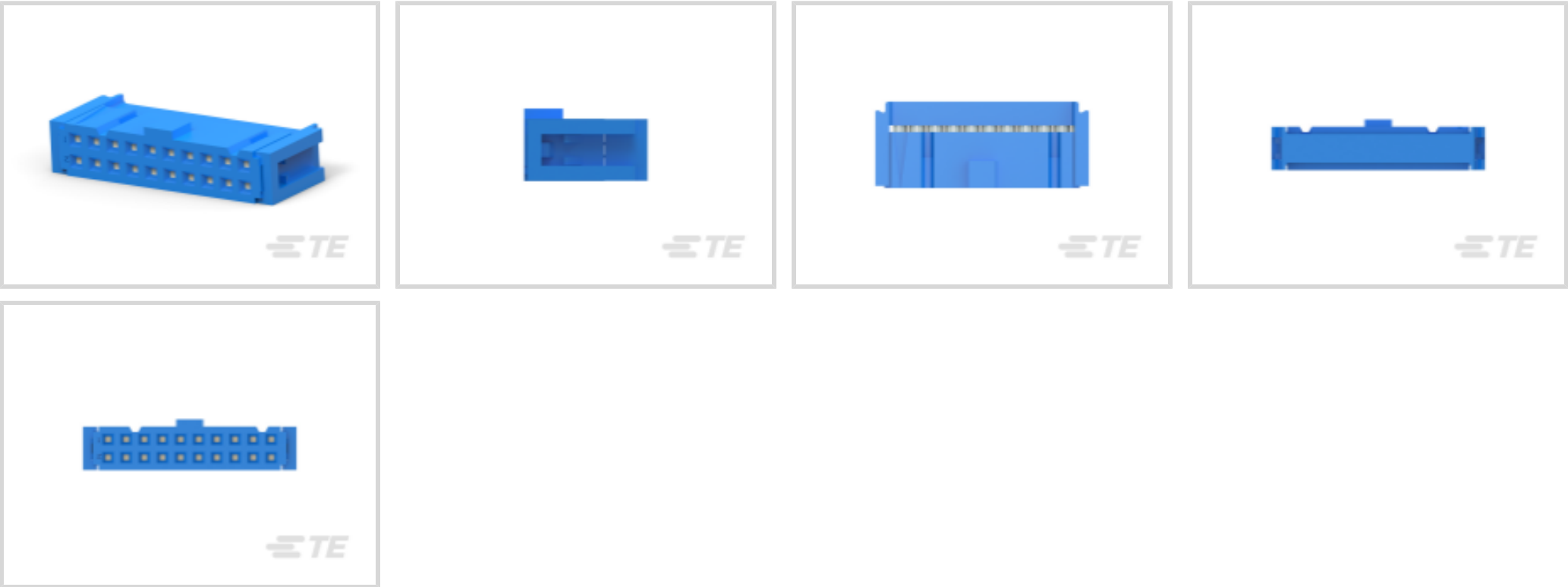


AMP-LATCH

TE Internal #: 1658527-8
Wire-to-Board, 20 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: **20**
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	20
Number of Rows	2

Body Features

Primary Product Color	Blue
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Contact Features

	30 μin
Contact Mating Area Plating Material	Gold (Au)
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]
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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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]
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

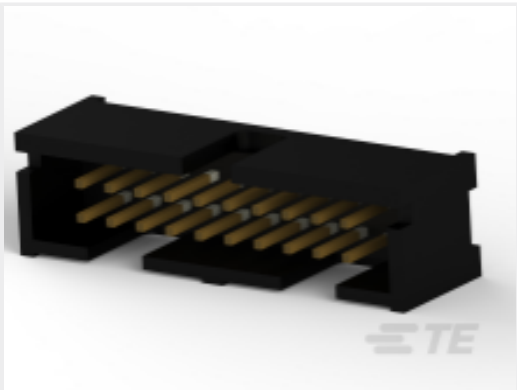
TE Part # CAT-AM74-UN384H AMP-LATCH UNIVERSAL HEADERS	TE Part # 2-1761603-7 IDC LOW PRO HDR 20P VERT BLUE	TE Part # 5111448-4 020 UNIV I/O 30DP SLOT	TE Part # 1761686-7 IDC LOW PRO HDR 20P VERT LAT
TE Part # 2-1761605-7 IDC LOW PRO HDR 20P RA BLUE	TE Part # 2-1761607-7 IDC LOW PRO HDR 20P RA LAT	TE Part # 5103311-5 A/L LOW PRO HDR 20P RA BLACK	TE Part # 5104338-4 A/L LOW PRO HDR 20P VERT HT
TE Part # 102320-3 A/L UNIV HDR EJT LATCH BLUE	TE Part # 2-1761679-7 IDC LOW PRO HDR 20P VERT BLUE	TE Part # 2-1761711-7 IDC LOW PRO HDR 20P VERT LA	TE Part # 5103310-5 A/L LOW PRO HDR 20P RA 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 # 1761606-7 IDC LOW PRO HDR 20P VERT LAT BLK	TE Part # 5103308-5 A/L LOW PRO HDR 20P VERT BLACK



TE Part # 1761682-7
IDC LOW PRO HDR 20P RA HT BLACK



TE Part # 5104340-4
A/L LOW PRO HDR 20P RA HT GRAY

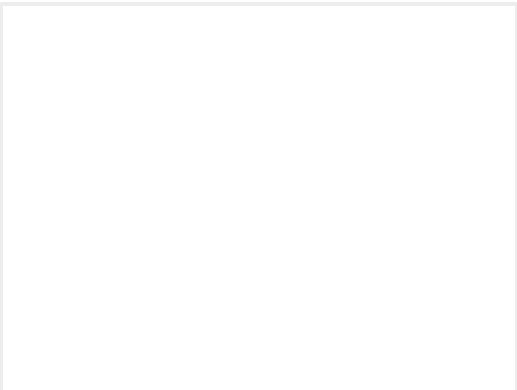


TE Part # 5103309-5
A/L LOW PRO HDR 20P VERT BLACK



TE Part # 1761607-7
IDC LOW PRO HDR 20P RA LAT

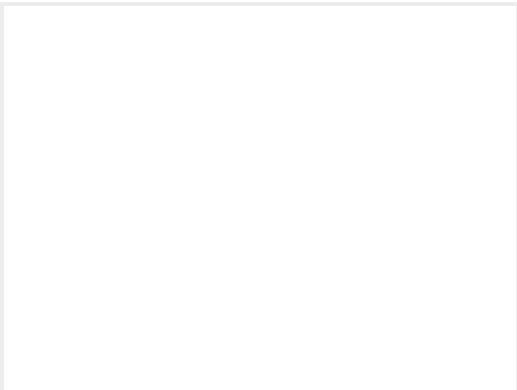
Customers Also Bought



TE Part #1SNA115412R0000
MB4/6.L10



TE Part #EC0193-000
05811404



TE Part #1SNA176282R2300
BJMI5-10



TE Part #535034-5
048 EURO TYPE C RECEPT AP ASSY



TE Part #827914-3
2P SHUNTCONNECTOR ASSY



TE Part #1415366-1
PT5S7SB5



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



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



TE Part #1658612-4
09 POS HDF RCPT, MS, LEAD FREE



TE Part #1658613-4
09 POS HDF PLUG, MS, LEAD FREE

Documents

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

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Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

Product Specifications

[Application Specification](#)

English

[micro match miniature connector system](#)

English

Instruction Sheets

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

English