



AMP-LATCH

TE Internal #: 1658527-4

Ribbon Cable Connectors, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, 2 Row, Receptacle, Polarization Mating Alignment Type, Wire & Cable

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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: **10**

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	10
Number of Rows	2

Body Features

Primary Product Color	Blue
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating 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

Termination Features

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

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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

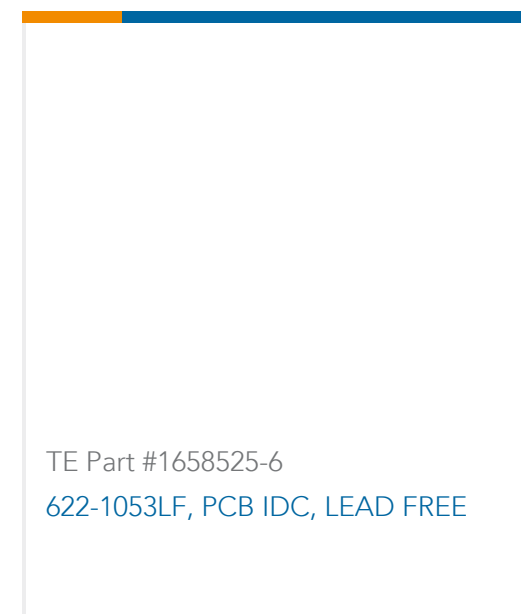
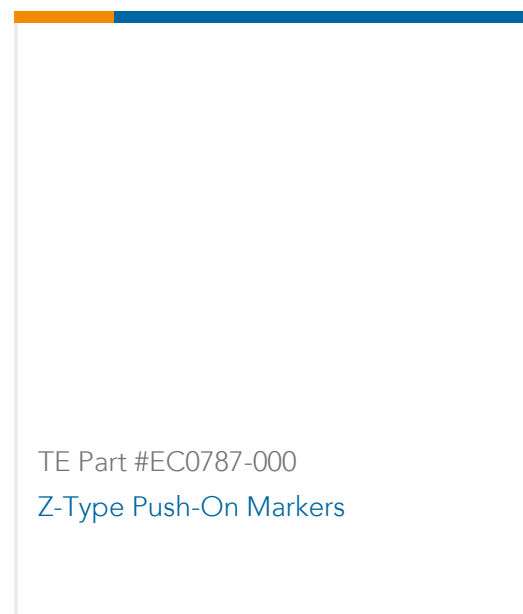
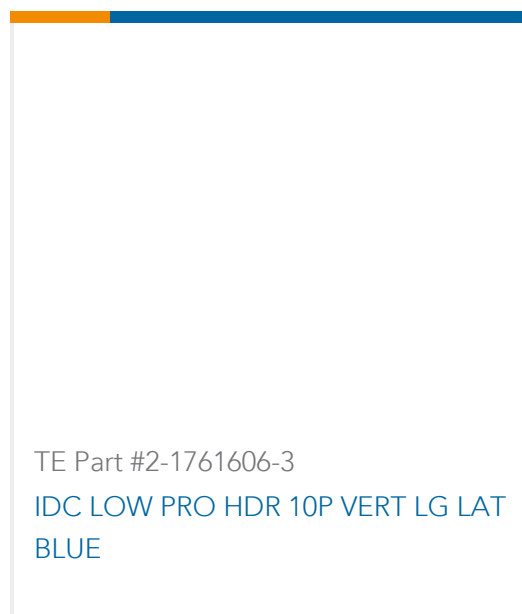
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-111446-4 10 UNIV I/O, NO EARS,LEAD FREE	TE Part # 1-111504-4 10 UNIV I/O, NO EARS,LEAD FREE	TE Part # 104128-1 010 LOPRO HDR SP 30DP LATCH
TE Part # 2-1761605-3 IDC LOW PRO HDR 10P RA BLUE	TE Part # 1761681-3 IDC LOW PRO HDR 10P VERT HT BLACK	TE Part # 1761607-3 IDC LOW PRO HDR 10P RA LG LAT	TE Part # 5104338-1 A/L LOW PRO HDR 10P VERT HT
TE Part # 5103311-1 A/L LOW PRO HDR 10P RA BLACK	TE Part # 1-111506-6 010 UNIV I/O 30DP SLOT LTCH	TE Part # 1761606-3 IDC LOW PRO HDR 10P VERT LG LAT BLK	TE Part # 2-1761711-3 IDC LOW PRO HDR 10P VERT LG LA
TE Part # 5103310-1 A/L LOW PRO HDR 10P RA BLACK	TE Part # 5103309-1 A/L LOW PRO HDR 10P VERT BLACK	TE Part # 5103308-1 A/L LOW PRO HDR 10P VERT BLACK	TE Part # 2-1761606-3 IDC LOW PRO HDR 10P VERT LG LAT BLUE
TE Part # 2-1761607-3 IDC LOW PRO HDR 10P RA LG LAT	TE Part # 5111448-1 010 UNIV I/O 30DP SLOT	TE Part # 1761682-3 IDC LOW PRO HDR 10P RA HT BLACK	TE Part # 1761683-3 IDC LOW PRO HDR 10P VERT HT BLACK

Customers Also Bought



Documents

Product Drawings

[622-1041LF FEM SOCKT,LEAD FREE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1658527-4_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658527-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658527-4_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

[Product Compliance Document](#)

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[Product Compliance Document](#)

English

Instruction Sheets

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

English