



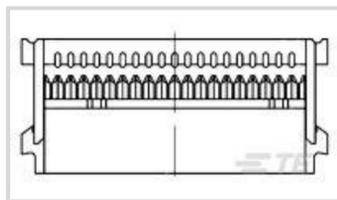
## AMP-LATCH

TE Internal #: 8-1437020-8

Ribbon Cable Connectors, Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, Insulation Displacement (IDC), 2 Row, Receptacle

[View on TE.com >](#)

Connectors &gt; PCB Connectors &gt; Wire-to-Board Connectors &gt; FFC, FPC &amp; Ribbon Connectors &gt; 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 (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 Thickness	2.54 – 5.08 $\mu$ m [100 – 200 $\mu$ in]
Wire Contact Termination Area Plating Material	Tin-Lead
	30 $\mu$ in
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**



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	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.



## Compatible Parts



## Documents

### Product Drawings

[609-2041=FSKT IDC S 20 30AU PL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1437020-8\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1437020-8\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-1437020-8\\_E.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[AMP COMMON TERMINATION \(CT\), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION](#)

Japanese

[Product Specification](#)

Japanese

[Product Specification](#)

English

[Female Socket Connector](#)

English

### Instruction Sheets

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

English

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