



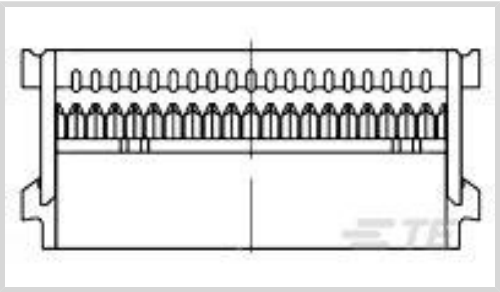
AMP-LATCH

TE Internal #: 8-1437020-8

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	2.54 – 5.08 µm[100 – 200 µin]
Wire Contact Termination Area Plating Material	Tin-Lead
	30 µin
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1 A

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	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: JAN 2021 (211) 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

TE Part # 1-111446-8
020 UNIV I/O 30DP NO EARS

Customers Also Bought

TE Part #205714-7
D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm

TE Part #1437652-1
6PCR-08-008=6 SERIES ASSEMBLY

TE Part #2-2176371-6
RQ 0603 8K45 0.1% 10PPM 5K RL

TE Part #1445729-1
MTG BRKT,OVAL HOLE

TE Part #8-338728-6
MALE-ON-BOARD CONNECTOR

TE Part #3-647166-7
Nylon Vertical PCB Header: 2.54mm, Surface Mount, MTA 100

TE Part #3-2176155-2
Metal Chip Resistor: Current Sense

TE Part #2-2303816-4
DEUTSCH DT Series Housings & Connectors

TE Part #109452-4
RING TONGUE 170 18-14 AWG PTPBR

TE Part #4-103795-0
80 MODII HDR DRR A B/A .100CL

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

Product Specification

English

Female Socket Connector

English

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

Japanese

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English