



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	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
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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	-65 – 105 °C[-85 – 221 °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 Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 1658526-5
609-1041LF FEM SOCKET,LEAD FREE

Customers Also Bought

TE Part #206305-1
CPC PLUG ASSEMBLY SIZE 23-37

TE Part #1-5102156-0
AMP-LATCH UNIVERSAL HEADERS

TE Part #5-102202-5
08 MODII HDR SRST SHRD LF

TE Part #150730
22-16 PIDG TAB 3,3/3

TE Part #1676282-2
RN 0805 2K0 0.1% 10PPM 1KRL

TE Part #2359410-1
ASSEMBLY, HYBRID NanoRF/MT DC MODULE

TE Part #3-647125-2
12P MTA156 SHRD HDR ASSY LF

TE Part #594211-E
STVSKO C F 181 ABGE * 50 LP-5 1,00 ***

TE Part #C39701-000
B-155-3810



Documents

Product Drawings

609-1041=FSKT IDC S 10 30AU PL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1437020-9_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1437020-9_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1437020-9_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

Instruction Sheets

Instruction Sheet (U.S.)

English