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Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Number of Positions: **42**

Centerline (Pitch): **.64 mm [.025 in]**

Number of Rows: **2**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	42
Number of Positions	42
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Options	Installed
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Shape & Form	Rectangular
Contact Current Rating (Max)	.5 A



Termination Features

Termination Post & Tail Length	1.4 mm
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mounting Hole Diameter	2.5 mm
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Mounting Holes
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	.64 mm[.025 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	800
Packaging Method	Piece/Reel, Reel

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 2024 (241) Candidate List Declared Against: JUNE 2023 (235)



	Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°C

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>

Also in the Series

CHAMP Docking Connectors



Connector Caps & Covers(32)



Connector Hardware(28)



Connector Strain Relief(2)



Docking Connectors(24)



IDC D-Sub Connectors(55)

Customers Also Bought



Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1903260-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_1903260-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1903260-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

Japanese

0.635mm Pitch Bay Connector LF

Japanese