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Connector & Housing Type: **Plug, Receptacle**

Shielded: **Yes**

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

Number of Positions: **50**

Centerline (Pitch): **2.16 mm [.085 in]**

Features

Product Type Features

Profile	Standard
Connector Classification	IDC
Product Category	Connectors
Slot Type Letter Code	B
Protective Cover	Without
Connector & Housing Type	Plug, Receptacle
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable

Body Features

Cover Material	Thermoplastic
Color	Black

Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy

Contact Current Rating (Max)	.5 A, 1 A
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Mechanical Attachment

Mating Connector Lock	With
Mating Connector Lock Type	Screwlocks
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm [.085 in]

Dimensions

	.4 in
Wire Size	24 AWG

Usage Conditions

Operating Temperature Range	-40 – 75 °C [-40 – 167 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Packaging Features

Packaging Quantity	1
Packaging Method	Poly Bag

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224) Candidate List Declared Against: JUL 2017 (174) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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>

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D-Sub Locking & Mounting(29)



Docking Connector Guide Hardware(5)



Docking Connectors(31)



IDC D-Sub Connectors(79)



PCB D-Sub Connectors(1)

Documents

CAD Files

[3D PDF](#)
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[Customer View Model](#)
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English

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