

749109-6 ✓ ACTIVE

TE Internal #: 749109-6

IDC D-Sub Connectors, Plug, Shielded, Cable-to-Board, 80
Position, 1.27 mm [.05 in] Centerline, 2 Row, Connector Assembly,
Ribbon Cable

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Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors



Connector & Housing Type: **Plug**

Shielded: **Yes**

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

Number of Positions: **80**

Centerline (Pitch): **1.27 mm [.05 in]**

Features

Product Type Features

Product Category	Connectors
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector Product Type	Connector Assembly
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	80
Number of Rows	2
Compatible With Wire & Cable Type	Ribbon Cable

Contact Features

Contact Current Rating (Max)	1 A
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	1.27 mm [.05 in]
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Dimensions

Wire Size	.051 mm ² , .08 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

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 Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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

[80 50SR CABLE PLUG SUB-ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_749109-6_Z.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_749109-6_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_749109-6_Z.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Customer Manual \(U.S.\)](#)

English

Agency Approvals

[UL](#)

English