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Connector & Housing Type: **Plug**

Solid Wire Size: **.05 – .1 mm²**

Shielded: **No**

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

[All IDC D-Sub: Plug Assembly, Signal, 1.27 mm \(14\)](#)

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Product Type	Connector Assembly
Connector & Contact Terminates To	Wire & Cable

Configuration Features

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

Body Features

	.025 in
Primary Product Color	Black

Contact Features

Wire Contact Termination Area Plating Material	Tin
	30 µin
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Underplating Material	Nickel, Palladium Nickel
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	1 A
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Termination Features

Termination Cover Method	Assembled
Termination Cover	Without
Termination Cover Type	Non Lacing
Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon, Polyester
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Compatible Insulation Diameter (Max)	.91 mm
Compatible Insulation Diameter Range	.74 – .91 mm[.029 – .036 in]
Solid Wire Size	.05 – .1 mm²
Wire Size	.05 – .09 mm²

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	13
Packaging Method	Tube

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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 # 5750913-5
50 50SR CABLE CONN KIT

Also in the Series | AMPLIMITE 0.50 Series

Connector Backshells(31)

D-Sub Covers(20)

D-Sub Locking & Mounting(8)

IDC D-Sub Connectors(66)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(172)

Customers Also Bought



TE Part #5749111-1
20 50SR CABLE PLUG ASSY



TE Part #2-1318119-3
DYNAMIC D2100 REC HSG 6P DBL Y



TE Part #66504-4
HD 20 DF SOCKET PLTD



TE Part #177903-1
POWER DBL LOCK PLUG HSG 9P



TE Part #1827572-2
DYNAMIC D1000 REC CONT 2L AU 0.38um FORM



TE Part #5745173-5
CABLE CLAMP KIT,SZ 3



TE Part #170780-1
P.G RING UL.CSA(22-18)



TE Part #HD34-24-91PE
REC, 9P, AL, E, 8/12/16, P



TE Part #5-750640-1
50 50SR PANEL MOUNT RCPT, ROHS



TE Part #5749190-1
20 50SR KIT,ST,UK

Documents

Product Drawings

50 50SR CABLE PLUG SUB-ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5749110-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5749110-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5749110-1_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[UL](#)

English