

5749110-2 ✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

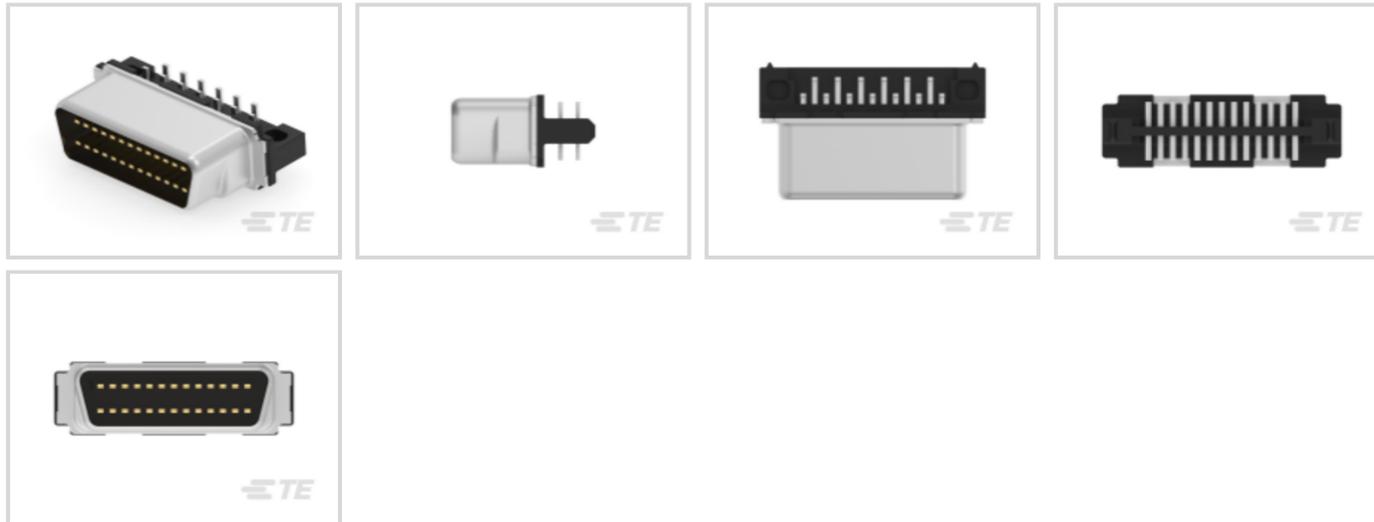
TE Internal #: 5749110-2

26 Position D-Shaped Connector, Plug, Cable-to-Cable, Cable Mount (Free-Hanging), 1.27 mm [.05 in] Centerline, Wire & Cable, AMPLIMITE 0.50 Series

[View on TE.com >](#)



Connectors > D-Shaped Connectors > IDC D-Sub: Plug Assembly, Signal, 1.27 mm



Number of Positions: **26**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Cable Mount (Free-Hanging)**

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

[All IDC D-Sub: Plug Assembly, Signal, 1.27 mm \(12\)](#)

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	26
Number of Rows	2
Compatible With Wire & Cable Type	Round Jacketed Cable

Body Features

	.025 in
Primary Product Color	Black

Contact Features

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	30 µin
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1 A
Contact Options	Installed

Termination Features

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

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

Solid Wire Size	30 – 28 AWG
Compatible Insulation Diameter Range	.74 – .91 mm [.029 – .036 in]
Compatible Insulation Diameter (Max)	.91 mm
Wire Size	30 – 28 AWG

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 Method	Tube
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Packaging Quantity 21

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



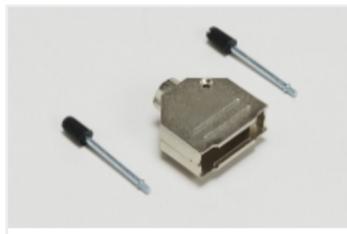
Also in the Series | [AMPLIMITE 0.50 Series](#)



Connector Backshells(20)



Connector Caps & Covers(20)



D-Sub Backshells & Clamps(20)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(171)

Customers Also Bought



TE Part #1410187-3
MULTIGIG RT T2 7RW DC DF CT



TE Part #1410189-3
MULTIGIG RT T2 7RW H-LFT,ET2



TE Part #1-1469492-9
MULTIGIG RT 9MM GUIDE/ESD UNKE



TE Part #1658610-2
25 POS HDF RCPT, MS, LEAD FREE



TE Part #1888250-2
Low Profile RJ45, 1x1, Bi-color



TE Part #5120527-1
1FHP,64,30A/S,S,N,S10,12,13,15

Documents

Product Drawings

[26 50SR CABLE PLUG SUB-ASSY](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_5749110-2_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_5749110-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5749110-2_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[UL](#)

English