

750913-2 ✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 750913-2

Plug, 30 – 28 AWG Solid Wire, .05 – .1 mm<sup>2</sup> Solid Wire, Shielded, Cable-to-Cable, 26 Position, AMPLIMITE 0.50 Series, IDC D-Sub Connectors

[View on TE.com >](#)



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



Connector & Housing Type: **Plug**

Solid Wire Size: **.05 – .1 mm<sup>2</sup>**

Shielded: **Yes**

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

[All IDC D-Sub: Connector Kit, Plug, Signal, 1.27 mm \(21\)](#)

## Features

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Termination Features

Termination Cover	With
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Cover Method	Assembled
Termination Cover Type	Non Lacing

### Body Features

	.025 in
Primary Product Color	Black
Cover Material	Polyester

### Packaging Features

Packaging Method	Kit
Packaging Quantity	21



### Mechanical Attachment

Mating Retention	With
Mating Retention Type	Latch Blocks
Connector Mounting Type	Panel Mount

### Contact Features

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

### Housing Features

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

### Operation/Application

Circuit Application	Signal
Shielded	Yes

### Dimensions

Compatible Insulation Diameter Range	.81 – .91 mm [.032 – .036 in]
Compatible Insulation Diameter (Max)	.91 mm
Solid Wire Size	.05 – .1 mm <sup>2</sup>
Wire Size	30 – 28 AWG

### Product Type Features

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

### Configuration Features

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

## Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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## Other

EU ELV Compliance	Not Compliant
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: DEC 2014 (161) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

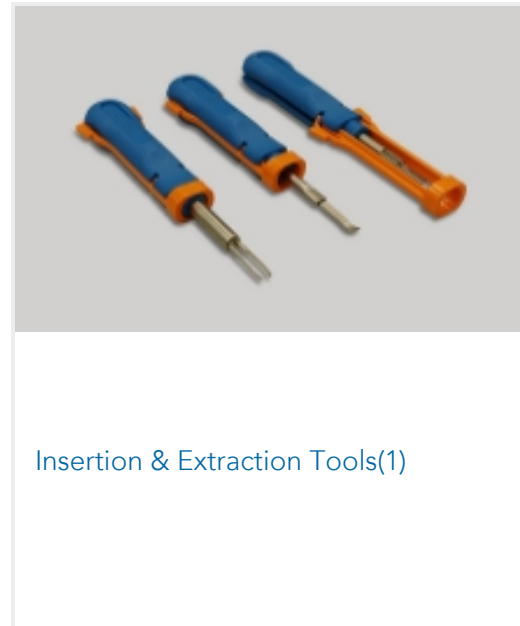
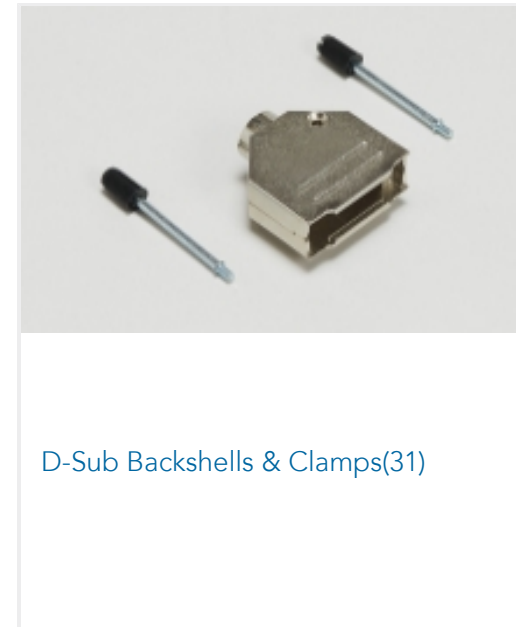
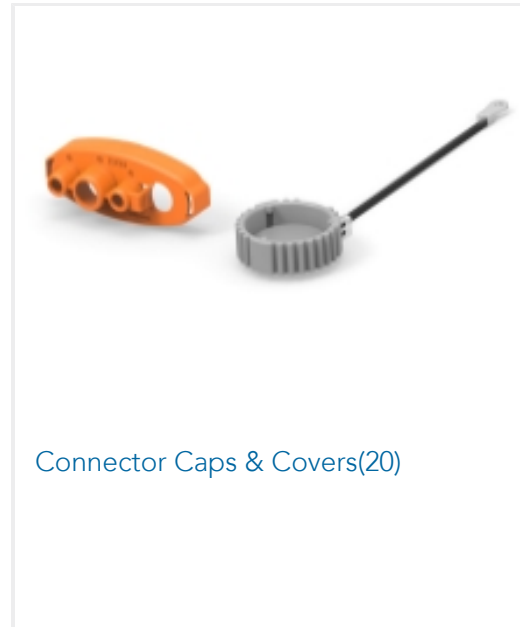
### Product Compliance Disclaimer

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 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



Also in the Series | **AMPLIMITE 0.50 Series**



Customers Also Bought





## Documents

### Product Drawings

[26 50SR CABLE CONN KIT](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_750913-2\\_H.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_750913-2\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_750913-2\\_H.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[UL](#)

English