

1-750913-9 ✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 1-750913-9

100 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: Connector Kit, Plug, Signal, 1.27 mm



Number of Positions: **100**

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: Connector Kit, Plug, Signal, 1.27 mm \(18\)](#)

## Features

### 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	100
Number of Rows	2
Compatible With Wire & Cable Type	Round Jacketed Cable

### Body Features

	.025 in
Primary Product Color	Black
Cover Material	Polyester

### Contact Features

	30 $\mu$ in
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-Lead
Contact Current Rating (Max)	1 A
Contact Options	Installed

#### Termination Features

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

#### Mechanical Attachment

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

#### Housing Features

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

#### Dimensions

Solid Wire Size	30 – 28 AWG
Compatible Insulation Diameter Range	.74 – .79 mm [.029 – .031 in]
Compatible Insulation Diameter (Max)	.79 mm
Wire Size	30 – 28 AWG

#### Usage Conditions

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

Shielded	Yes
Circuit Application	Signal

#### Industry Standards

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

Packaging Method	Kit
Packaging Quantity	7

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

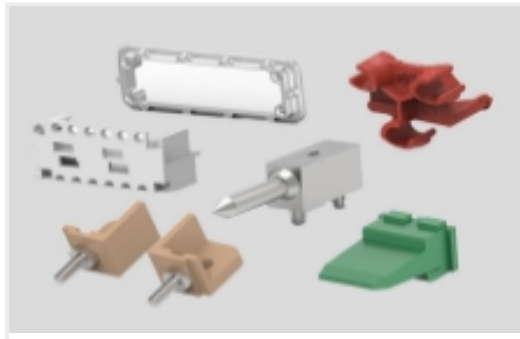
#### Product Compliance Disclaimer

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>

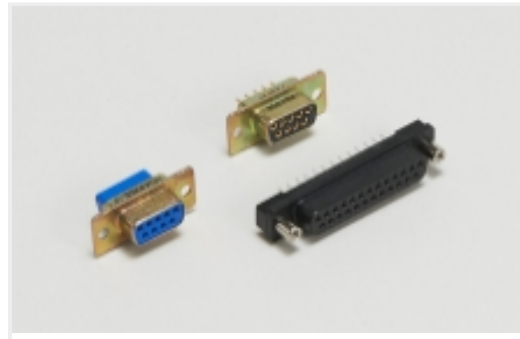
## Compatible Parts



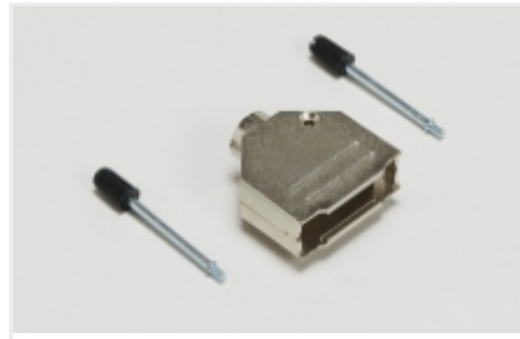
Also in the Series | **AMPLIMITE 0.50 Series**



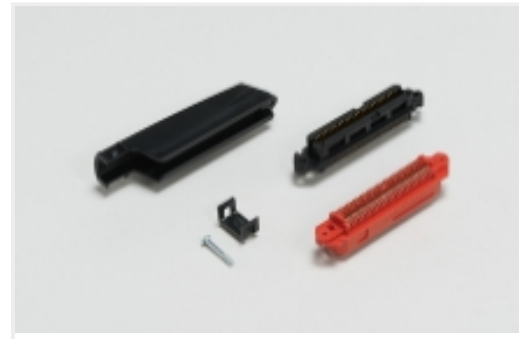
Connector Hardware(6)



D-Shaped Connectors(234)



D-Sub Backshells & Clamps(20)

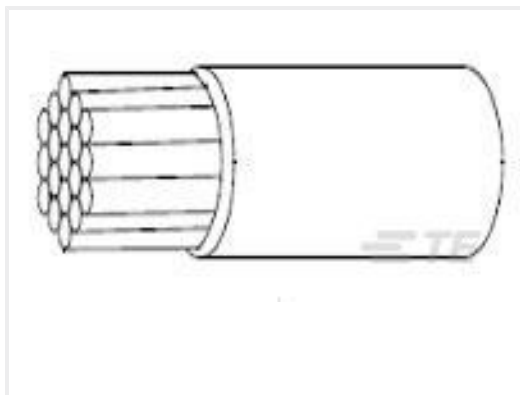


IDC D-Sub Connectors(63)



Panel Mount D-Sub Connectors(27)

## Customers Also Bought



TE Part #D367403001  
55/9960-26-0(LAT3)



TE Part #EH5738-000  
55A4122-8-2/9-9



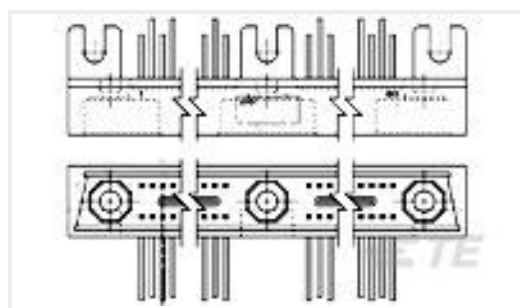
TE Part #EG2944-000  
55A4142-20-2/5/6/9-9



TE Part #CN7383-000  
55A1122-20-2/9-9



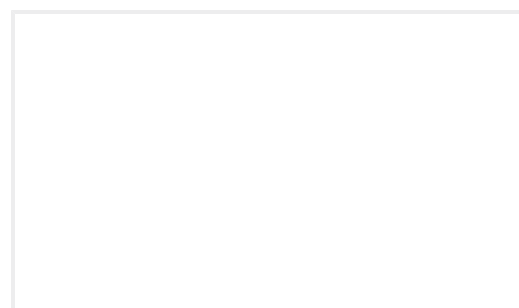
TE Part #1-530743-8  
MINI BOX PIN HDR ASY 80 POS



TE Part #534688-4  
MINI BX PIN HDR ASY 152 POS



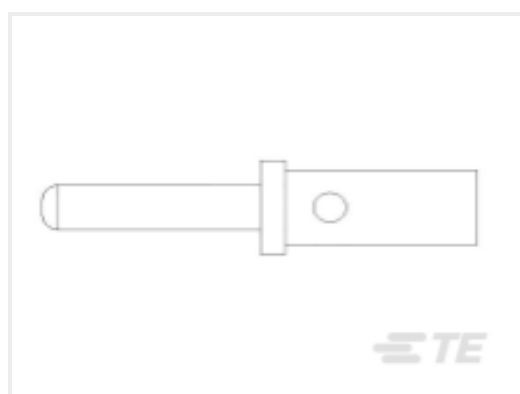
TE Part #1-1437571-7  
TP11FGRA6=SW P/B MOMENTARY



TE Part #2-1532018-3  
095-0087-7101=MCEM1-128PZ



TE Part #9548913001  
55/9960-20-9(LAT3)



TE Part #JN1003P20  
CONTACT PIN. #20

## Documents



### Product Drawings

#### 100 50SR CABLE CONN KIT

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-750913-9\\_H.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-750913-9\\_H.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-750913-9\\_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

#### CHAMPOMATOR 2.5 Terminating Machine Control Module 852423-[ ]

English

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### Agency Approvals

#### UL

English