1-750913-7 ✔ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 1-750913-7

68 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: **68**

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	68
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 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-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]

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Kit
Packaging Quantity	10

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	Compliant with Exemptions
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) **Article Safe Usage Statements:** 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



TE Part # 58430-1
TOOL, REPAIR

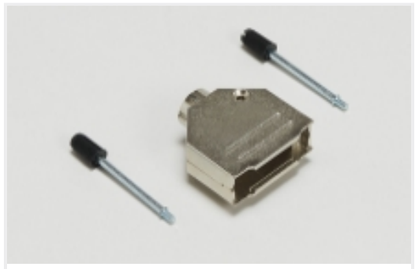
Also in the Series | AMPLIMITE 0.50 Series



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 #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



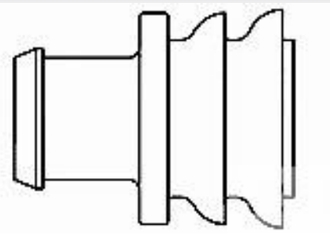
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

68 50SR CABLE CONN KIT

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-750913-7_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-750913-7_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-750913-7_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Instruction Sheets

CHAMPOMATOR 2.5 Terminating Machine Control Module 852423-[ ]

English

Agency Approvals

UL

English