749621-2 ✔ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

TE Internal #: 749621-2

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: Connector Kit, Plug, 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: 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	26
Number of Rows	2
Compatible With Wire & Cable Type	Round Jacketed Cable

Body Features

	.025 in
Cover Material	Thermoplastic
Shell Plating Material	Tin
Primary Product Color	Black

Contact Features

	30 µin
Contact Underplating Material	Palladium Nickel
Wire Contact Termination Area Plating Material	Tin-Lead

Contact Mating Area Plating Material	Gold or Gold Flash
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	1 A
Contact Options	Installed

Termination Features

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

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Shell Material	Steel
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Compatible Insulation Diameter Range	.74 mm[.029 – .036 in]
Compatible Insulation Diameter (Max)	.91 mm
Solid Wire Size	30 – 28 AWG
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 Quantity	21

Packaging Method	Box

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: JAN 2025 (247) 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

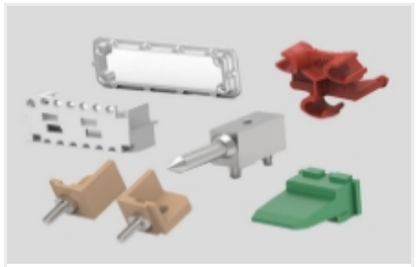
Product Compliance Disclaimer

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

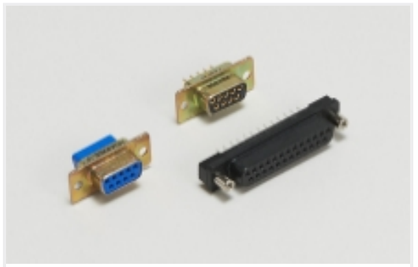
Compatible Parts

TE Part # 853240-1
STD PLUG & RECPT HOLDER ASSY

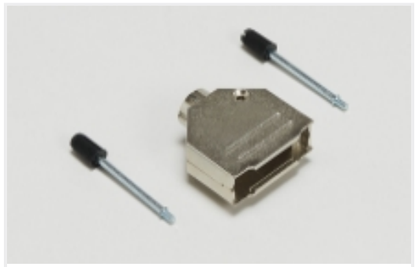
Also in the Series | AMPLIMITE 0.50 Series



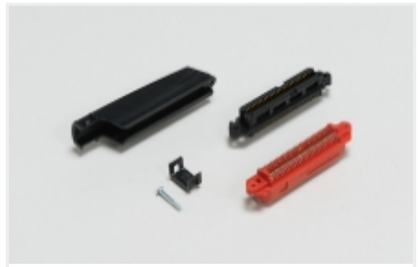
Connector Hardware(6)



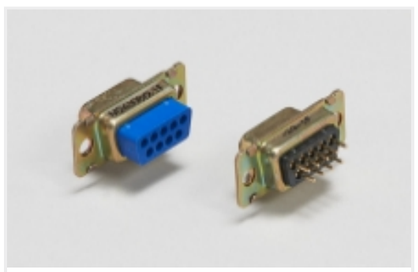
D-Shaped Connectors(234)



D-Sub Backshells & Clamps(20)



IDC D-Sub Connectors(63)



Panel Mount D-Sub Connectors(27)

Customers Also Bought



TE Part #167292-1
09P.HDP20 PLUG ASSY



TE Part #794617-2
2POS,MICRO MNL,RCPT HSG



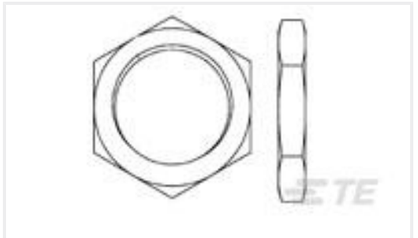
TE Part #3-794630-2
02P MICRO MNL ASSY,VRT,HDR,LF



TE Part #926895-3
UNIVERSAL M-N-L SOCKET



TE Part #2-1445055-2
MICRO MNL HDR ASSY S/ROW LF



TE Part #1604196-1
NUT,JAM,5/8-24,PKG QTY 100



TE Part #3-1630012-0
HSC150 82R 5%



TE Part #CAT-472-Z12
Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm



TE Part #5352152-1
Z-PACK/B22 RAF 110P

Documents

Product Drawings

26 50S CABLE PLUG CONN/COV KIT

English

CAD Files

Customer View Model

ENG_CVM_749621-2_W.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_749621-2_W.3d_igs.zip

English

Customer View Model

ENG_CVM_749621-2_W.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