749810-9 ✔ ACTIVE

AMPLIMITE | AMPLIMITE HDE

TE Internal #: 749810-9

Plug, 26 – 22 AWG Solid Wire, .13 – .32 mm² Solid Wire, Shielded, Cable-to-Cable, 25 Position, AMPLIMITE HDE, 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, Wire to Wire, Signal, 2.77 mm



Connector & Housing Type: **Plug**

Solid Wire Size: **.13 – .32 mm²**

Shielded: **Yes**

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

All IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm (17)

Features

Industry Standards

UL Flammability Rating	UL 94V-0

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Body Features

Shell Plating Material	Tin over Copper
Strain Relief Material	Stainless Steel
Cable Exit Angle	180°
Primary Product Color	Black

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Mounting Holes
Thread Size	4-40
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze, Brass
Contact Type	Pin
Wire Contact Termination Area Plating Material	Tin
Contact Options	Installed
Contact Size	Size 20
Contact Current Rating (Max)	1.5 A, 2.4 A

Housing Features

Housing Material	Nylon GF, Polyester GF
Shell Material	Steel
Centerline (Pitch)	2.77 mm[.109 in]

Operation/Application

Circuit Application	Signal
Shielded	Yes

Dimensions

Accepts Cable Insulation Diameter Range	6.48 – 11.94 mm[.255 – .47 in]
Solid Wire Size	.13 – .32 mm²
Wire Size	26 – 22 AWG

Product Type Features

Shell Material Configuration	Full Metal Shell
Ground Feature Type	Grounding Indents
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Product Type	Connector Kit
Connector Shell Size	3
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	25
Number of Rows	2
Compatible With Wire & Cable Type	Round Jacketed Cable

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



TE Part # 608868-1
HDE HT PKG FOR SUB D



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME

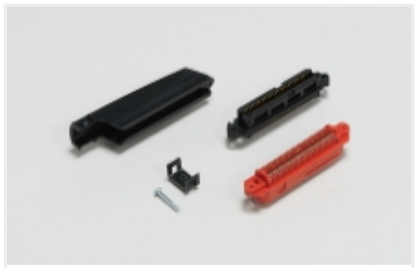
Also in the Series | AMPLIMITE HDE



Connector Contacts(13)



Crimp D-Sub Connectors(1)



IDC D-Sub Connectors(74)



Insertion & Extraction Tools(2)

Customers Also Bought



TE Part #CAT-AM7-22507
IDC D-Sub: Connector Kit, Plug, Signal, 1.27 mm



TE Part #5787170-4
40 50SR R/A RCPT ASSY,RDSN L/F



TE Part #2-1462039-6
IM21GR=IM RELAY 50mW 3V



TE Part #5749191-1
28 50SR KIT,ST,UK



TE Part #1676144-2
RN 0805 102K 0.1% 10PPM 1KRL



TE Part #8-1676971-4
RN 0805 4R7 0.1% 10PPM 1KRL



TE Part #YDTS20W17-06PAV001
RECP ASSY



TE Part #1903302-3
SD RVS 0H EMBOSS ASSY

TE Part #9-1625890-6
2W SM MOX 5% 59R

Documents

Product Drawings

KIT SZ 1, HDE PLUG, LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_749810-9_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_749810-9_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_749810-9_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

Instruction Sheet (U.S.)

English