

749810-9 x OBSOLETE

[AMPLIMITE](#) | [AMPLIMITE HDE](#)

TE Internal #: 749810-9

TE Internal Description: KIT SZ 1, HDE PLUG, LEAD FREE

[View on TE.com >](#)



Connectors > D-Shaped Connectors



Number of Positions: **25**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Connector Shell Size: **3**

Features

Product Type Features

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

Configuration Features

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

Body Features

Shell Plating Material	Tin over Copper
Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Brass, Phosphor Bronze
Contact Type	Pin

Wire Contact Termination Area Plating Material	Tin
Contact Size	Size 20
Contact Current Rating (Max)	1.5 A, 2.4 A
Contact Options	Installed

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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

Housing Features

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

Dimensions

Accepts Cable Insulation Diameter Range	6.48 – 11.94 mm [.255 – .47 in]
Solid Wire Size	26 – 22 AWG
Wire Size	26 – 22 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	Package
Packaging Quantity	1

Product Compliance

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

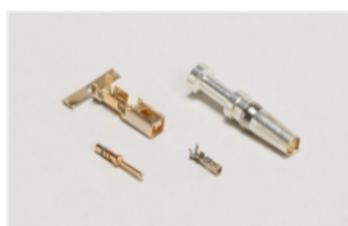


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not 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>

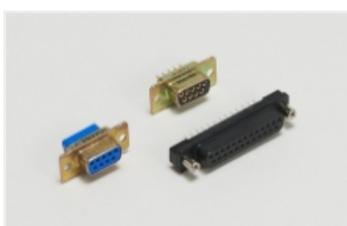
Also in the Series | **AMPLIMITE HDE**



Connector Contacts(13)



Crimp D-Sub Connectors(1)



D-Shaped Connectors(56)



IDC D-Sub Connectors(55)



Insertion & Extraction Tools(2)



Panel Mount D-Sub Connectors(8)

Customers Also Bought



TE Part #NB20144001
VERSAFIT-1/4-9-SP



TE Part #33458
TERMINAL,SOLIS R 12-10 1/4



TE Part #166053-1
COSI PIN CONTACT HD20 DF; 24-20
AWG



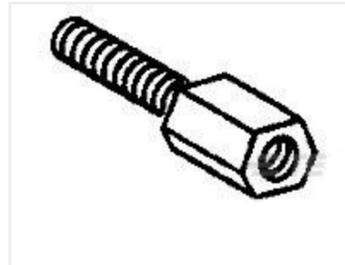
TE Part #167293-1
15P.HDP20 PLUG ASSY



TE Part #5-747912-4
25 PLUG SOLDER CUP STD DUPL, R



TE Part #1-1757823-2
AMPLIMITE,ASY,PLUG,STD,90,ZN,6,CT



TE Part #5207953-3
FEMALE SCREWLOCK, SHORT, ZN



TE Part #5749621-4
40 50S CABLE PLUG CONN/COV KIT



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

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

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Product Specifications



[Application Specification](#)

English

[Instruction Sheets](#)

[Instruction Sheet \(U.S.\)](#)

English