



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: **26 – 22 AWG**

Shielded: **Yes**

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

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

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 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

Body Features

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

Contact Features

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

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

Shell Material	Steel
Housing Material	Nylon GF, Polyester GF
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	.15 – .4 mm ²

Usage Conditions

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

Circuit Application	Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
Packaging Method	Package



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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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 # 58074-1
MTA 50/100/156 MANUAL TOOL
FRAME



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

Also in the Series | **AMPLIMITE HDE**



Connector Contacts(13)	Crimp D-Sub Connectors(1)	IDC D-Sub Connectors(75)	Insertion & Extraction Tools(2)

Customers Also Bought

 TE Part #5749621-3 28 50S CABLE PLUG CONN/COV KIT	 TE Part #2-1462039-6 IM21GR=IM RELAY 50mW 3V	 TE Part #5535651-1 68 MEM CARD HDR STD SMT TOP	 TE Part #5749191-1 28 50SR KIT,ST,UK
 TE Part #9-1625890-6 2W SM MOX 5% 59R	 TE Part #923307-000 202D121-25/86-0	 TE Part #YDTS26F19-35SNV001 PLUG ASSY	 TE Part #89BSD-028BA-A 28 BARA 316L DIGITAL PRESSURE SENSOR
 TE Part #1903302-3 SD RVS 0H EMBOSS ASSY			

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