



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm



Connector & Housing Type: **Receptacle**

Solid Wire Size: **.1 – .13 mm²**

Shielded: **No**

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

[All IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm \(19\)](#)

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable
Connector Product Type	Connector Assembly
Connector Shell Size	2
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	15
Number of Rows	2
Compatible With Wire & Cable Type	Ribbon Cable

Body Features

Insert Material	Brass
Shell Plating Finish	Bright
Cover Material	Thermoplastic
Shell Plating Material	Tin
Cable Exit Angle	180°
Mating Retention Feature Material	Steel
Ribbon Cable Centerline Spacing	1.27 mm[.05 in]



Connector Profile	Low
Contact Features	
Contact Underplating Material	Nickel
	30 µin
Wire Contact Termination Area Plating Material	Tin
Contact Options	Installed
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Size	Size 20
Contact Current Rating (Max)	1.25 A
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Mechanical Attachment	
Mating Retention Type	Threaded Insert, 4-40 UNC
Mating Retention Feature Plating Material	Zinc
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Thermoplastic
Shell Material	Steel
Centerline (Pitch)	2.77 mm[.055 in]
Dimensions	
Accepts Cable Insulation Diameter Range	.81 – .97 mm[.032 – .038 in]
Solid Wire Size	.1 – .13 mm²
Wire Size	28 – 26 AWG
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Shielded	No



Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	40
Packaging Method	Tube

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019106) 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 # 7-338310-2
15POS.HD20 PLUG ASS'Y



TE Part # CAT-AM7-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



TE Part # 768340-1
UNIV HAND TOOL KIT AMPLATCH



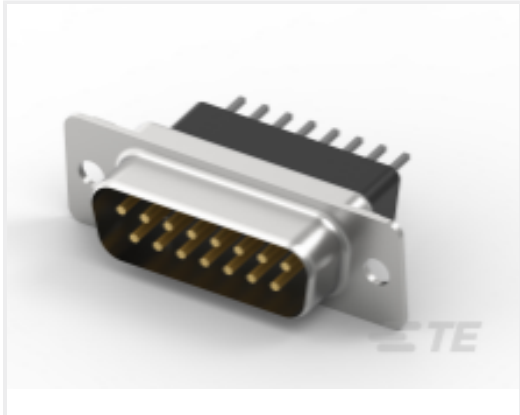
TE Part # 747275-3
015 LP HDF STRAIN RELIEF



TE Part # CAT-023-DPARS2274
D-Sub Plug Assembly: Standard, Right Angle, Shell Size 2, 2.74mm



TE Part # 1-745494-7
PLUG ASSY,15P,HDE,MS



TE Part # CAT-025-DPAVS2274
D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm



TE Part # 1-745494-5
15 HDE MS PLUG,22-26,LEAD FREE

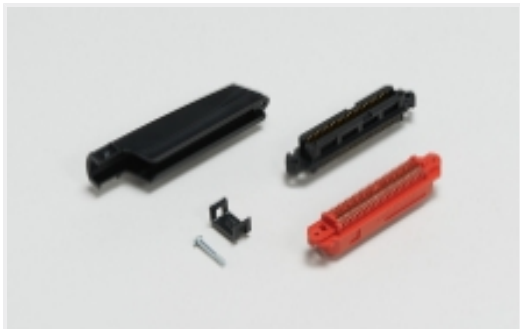
Also in the Series | **AMPLIMITE HDF**



Connector Hardware(3)



Connector Strain Relief(5)



IDC D-Sub Connectors(36)

Customers Also Bought



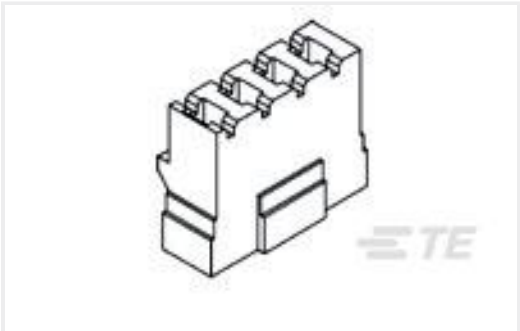
TE Part #1658608-3
15 POS HDF PLUG, MS, LEAD FREE



TE Part #2176056-8
RLP73V 2B R020 5% 5K RL



TE Part #11032560-00
44001RC,THERM,ROHS



TE Part #1609140-1
PA100=F6800



TE Part #54774-1
PG R 22-16COM22-18MIL 6-8-10



TE Part #5569256-1
STK MJ ASSY,8POS,2X3,SHLD,CAT5



TE Part #5745394-2
HD-20 RCPT 9P RA 318 THD INS



TE Part #SE1-25
STRING ENCODER,25 INCH RANGE



Documents

Product Drawings

15 POS HDF RCPT, MS, LEAD FREE

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1658610-3_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_1658610-3_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_1658610-3_A1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

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Product Specifications

Product Specification

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Product Specification

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Agency Approvals

CSA Certificate

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