

1-749814-2 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDE

TE Internal #: 1-749814-2

25 Position D-Shaped Connector, Receptacle, Cable-to-Cable,
Cable Mount (Free-Hanging), 3 Shell Size, 2.77 mm [.109 in]
Centerline, AMPLIMITE HDE

[View on TE.com >](#)



Connectors > D-Shaped Connectors > IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm



Number of Positions: 25

Connector & Housing Type: Receptacle

Connector System: Cable-to-Cable

Connector Mounting Type: Cable Mount (Free-Hanging)

Connector Shell Size: 3

[All IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm \(5\)](#)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
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	Socket
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: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

<p>TE Part # 966778-1 HD20 ABSCHIRMKAP25P</p>	 <p>TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME</p>	 <p>TE Part # 608868-1 HDE HT PKG FOR SUB D</p>
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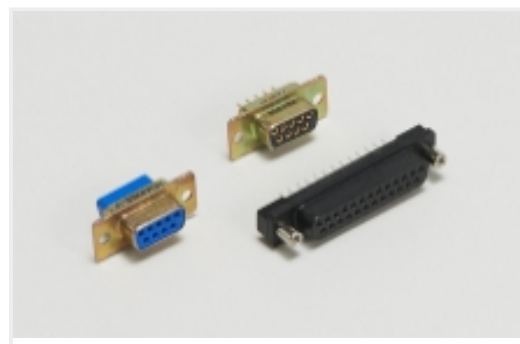
Also in the Series | [AMPLIMITE HDE](#)



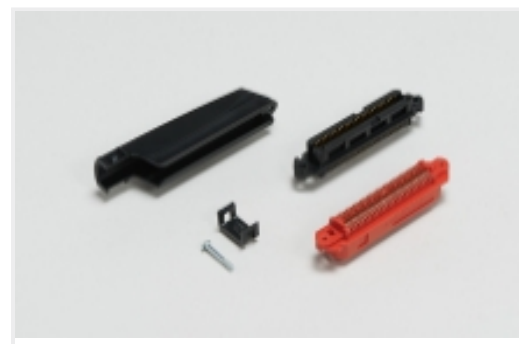
Connector Contacts(13)



Crimp D-Sub Connectors(1)



D-Shaped Connectors(57)



IDC D-Sub Connectors(56)



Insertion & Extraction Tools(2)



Panel Mount D-Sub Connectors(8)

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



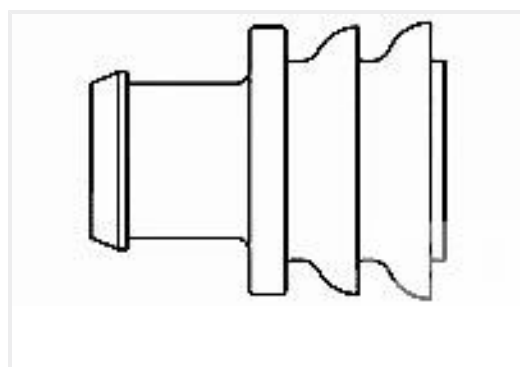
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents

Product Drawings
[KIT,RCPT,25P,HDE](#)

English

CAD Files

Customer View Model
[ENG_CVM_CVM_1-749814-2_M.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_CVM_1-749814-2_M.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-749814-2_M.2d_dxf.zip](#)

English

3D PDF

3D

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