1-745492-9 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDE
TE Internal #: 1-745492-9
IDC D-Sub Connectors, Plug, 22 – 20 AWG Solid Wire Size, Shielded, Wire-to-Wire, 9 Position, 2.77 mm [.054 in] Centerline, 2 Row, AMPLIMITE HDE

View on TE.com >

Connector & Housing Type: **Plug**

Solid Wire Size: **22 – 20 AWG**

Shielded: **Yes**

Connector System: **Wire-to-Wire**

Number of Positions: **9**

All IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm (21)

Features

Product Type Features

Grade	Standard
Grounding Indents	With
Shell Type	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Connector Product Type	Connector Assembly
D-Sub Shell Size	1
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Round Jacketed Cable

Body Features

Color	Black
Shell Material	Steel
Insert Material	Thermoplastic
Shell Plating Material	Tin

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Contact Features

PCB Termination Area Plating Finish	Matte
Contact Type	Pin
	30 µin
D-Sub Contact Size	20
Contact Current Rating (Max)	2.4 A

Mechanical Attachment

Mating Connector Lock	With
Mounting Angle	Straight
Mating Connector Lock Type	Mounting Holes
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Enclosure	Without
Centerline (Pitch)	2.77 mm[.054 in]

Dimensions

Solid Wire Size	22 – 20 AWG
Wire Size	.4 – .6 mm²

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

Insert Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Package
Packaging Quantity	140

Other

Comment	Connectors can be made available with clinch nuts, contact AMP Incorporated

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant

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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 2022 (224)
	Candidate List Declared Against: JUNE 2022 (224)
	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 # CAT-023-DRARS1274
D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm

TE Part # CAT-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

TE Part # CAT-025-DRAVS1274
D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm

TE Part # CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm

TE Part # CAT-026-RAVSAP1274
D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 1, 2.74mm

TE Part # CAT-979-DRARE274
D-Sub Receptacle Assembly: Eurostyle, Right Angle, 2.74mm

TE Part # CAT-AM7-248H6
IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm

TE Part # 747516-7
09 HDE PMOLD RCPT, LEAD FREE

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IDC D-Sub Connectors, Plug, 22 – 20 AWG Solid Wire Size, Shielded, Wire-to-Wire, 9 Position, 2.77 mm [.054 in] Centerline, 2 Row, AMPLIMITE HDE

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

TE Part # 2198617-9
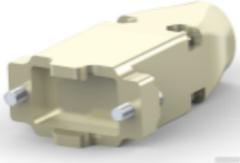Ni Plated Plastic Backshell, 9 Way, Str

TE Part # 5745183-1
09 RCPT SP/MS STD

TE Part # 3-1393483-8
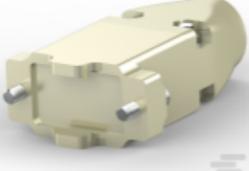V42254A1115B209=SUB D FEDERLEI

TE Part # 5745183-3
09 RCPT SP/MS STD

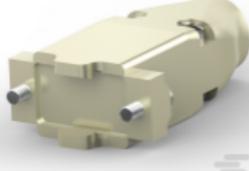TE Part # 5748677-1
PLTD PLST CBL CLMP KIT,SZ 1

TE Part # 5745854-3
CABLE CLAMP KIT,SZ 1

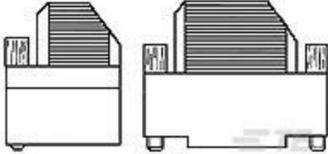TE Part # 5745171-5
AMPL CBL CLMP KIT SZ 1

TE Part # 5748676-1
DIE CAST CBL CLMP KIT,SZ 1

TE Part # 5745854-1
CABLE CLAMP KIT,SZ 1

TE Part # 2-1393480-8
V23529B1122B209=SUB D FEDERLEI

TE Part # 1393738-2
V42254A6000G115=SUB D GEHAEUSE

Also in the Series | AMPLIMITE HDE

Crimp D-Sub Connectors(1)

D-Sub Connector Contacts(13)

IDC D-Sub Connectors(75)

Insertion & Extraction Tools(2)

Documents

Product Drawings
PLUG ASSY,9P,HDE,MS

English

CAD Files
Customer View Model
ENG_CVM_1-745492-9_R.2d_dxf.zip

English

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Customer View Model

ENG_CVM_1-745492-9_R.3d_igs.zip

English

Customer View Model

ENG_CVM_1-745492-9_R.3d_stp.zip

English

3D PDF

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

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English