

1-745492-9 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDE

TE Internal #: 1-745492-9

Plug, 22 – 20 AWG Solid Wire Size, Wire-to-Wire, 9 Position, 2.77

mm [.054 in] Centerline, 2 Row, AMPLIMITE HDE, IDC D-Sub

Connectors

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



Connector & Housing Type: **Plug**

Solid Wire Size: **22 – 20 AWG**

Shielded: **No**

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

Number of Positions: **9**

[All IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm \(20\)](#)

Features

Contact Features

	30 µin
Contact Size	Size 20
Contact Current Rating (Max)	2.4 A
Contact Type	Pin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Options	Installed

Product Type Features

Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Connector Product Type	Connector Assembly
Connector Shell Size	1
Connector & Contact Terminates To	Wire & Cable
Shell Material Configuration	Full Metal Shell
Ground Feature Type	Grounding Indents

Dimensions

Solid Wire Size	22 – 20 AWG
Wire Size	.4 – .6 mm ²



Operation/Application

Shielded	No
Circuit Application	Signal

Configuration Features

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

Housing Features

Centerline (Pitch)	2.77 mm [.054 in]
Shell Material	Steel

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Mating Retention Type	Mounting Holes

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Shell Plating Material	Tin
Cable Exit Angle	180°
Insert Material	Thermoplastic

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
Packaging Quantity	140

Product Compliance

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



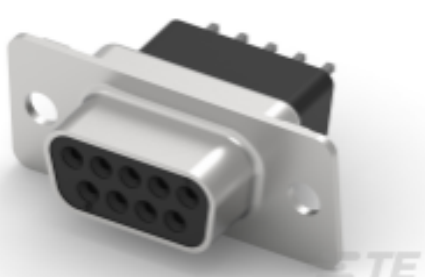





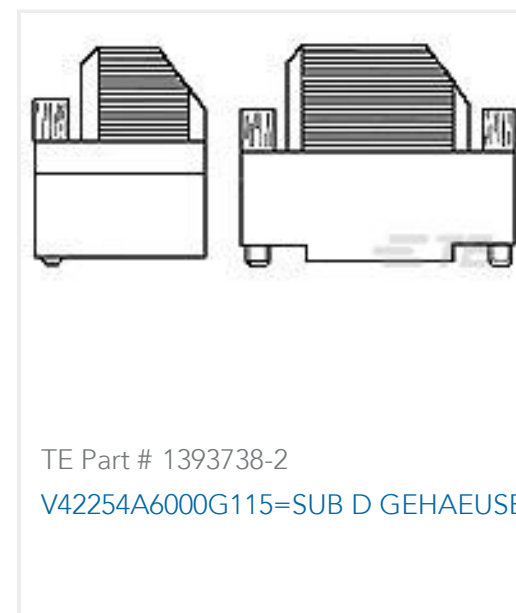
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

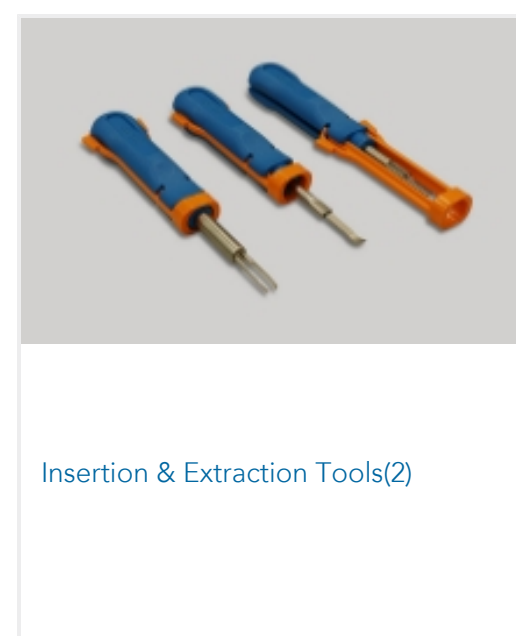
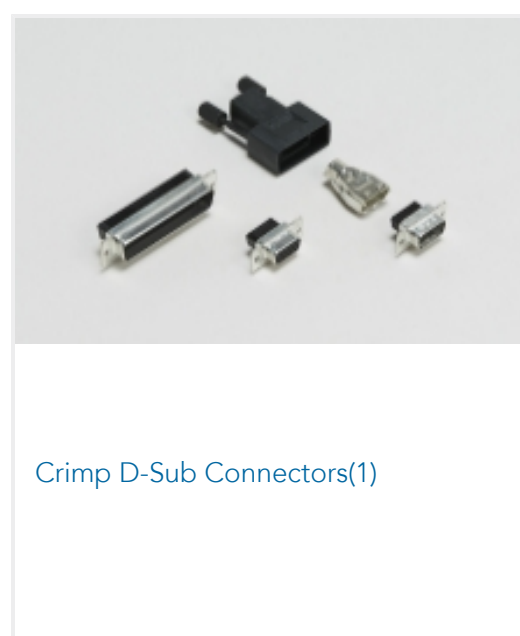
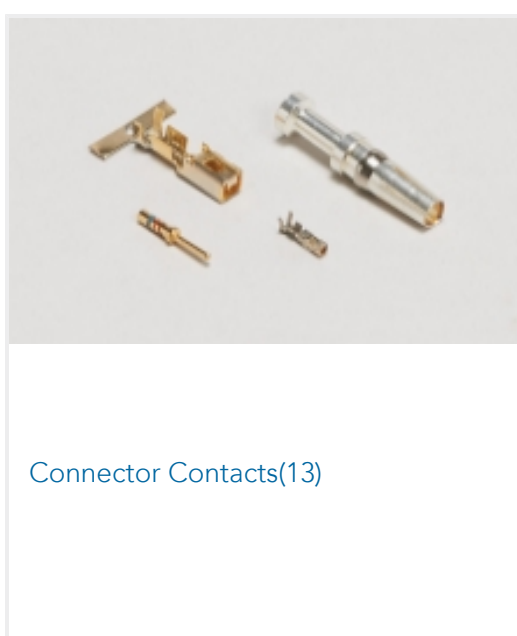
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Compatible Parts

 <p>TE Part # CAT-AM7-248H6 IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm</p>	 <p>TE Part # CAT-023-DRARS1274 D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm</p>	 <p>TE Part # CAT-AM7-253 IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm</p>	 <p>TE Part # CAT-025-DRAVS1274 D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm</p>
 <p>TE Part # CAT-AM7-248H8 IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm</p>	 <p>TE Part # 747516-7 09 HDE PMOLD RCPT, LEAD FREE</p>	 <p>TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME</p>	 <p>TE Part # 5748677-1 PLTD PLST CBL CLMP KIT,SZ 1</p>



Also in the Series | **AMPLIMITE HDE**



Customers Also Bought





TE Part #5745563-3
HD KIT, SCREWLOCK



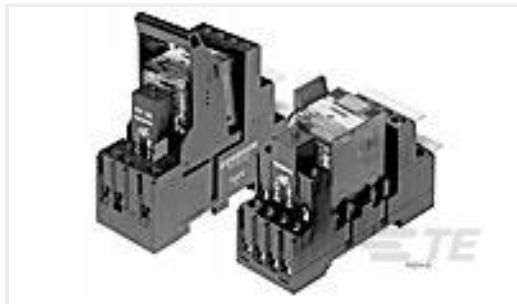
TE Part #5207953-3
FEMALE SCREWLOCK, SHORT, ZN



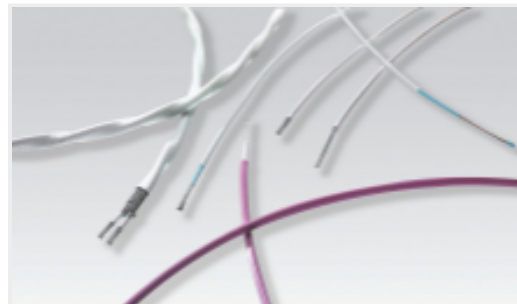
TE Part #5745175-5
CABLE CLAMP KIT, SZ 5



TE Part #1658613-4
09 POS HDF PLUG, MS, LEAD FREE



TE Part #1415366-1
PT5S7SB5



TE Part #EK2673-000
22759/34-22-9CS2088-L372

Documents

Product Drawings

[PLUG ASSY, 9P, HDE, MS](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-745492-9_R.2d_dxf.zip](#)

English

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

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Instruction Sheets

Instruction Sheet (U.S.)

English