1658642-1 ✔ ACTIVE

AMPLIMITE

TE Internal #: 1658642-1

Crimp D-Sub Connectors, Plug, Cable-to-Cable, 9 Position, 20 D-Sub Contact Size, 1 D-Sub Shell Size, Mating Retention, Clinch Nut, 4-40 UNC, Shielded

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > Crimp D-Sub Connectors > D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1

Connector & Housing Type: **Plug**

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

Number of Positions: **9**

D-Sub Contact Size: **20**

D-Sub Shell Size: **1**

All D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1 (13)

Features

Product Type Features

Grade	Standard
Grounding Indents	With
Product Type	Connector
Shell Type	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
D-Sub Shell Size	1
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9

Body Features

Shell Material	Steel
Shell Plating Material	Tin
Insert Material	Thermoplastic

Contact Features

D-Sub Contact Size	20

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Clinch Nut, 4-40 UNC

Housing Features

Centerline (Pitch)	2.74 mm[.108 in]

Usage Conditions

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

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

Insert Flammability Rating	UL 94V-0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Package
Packaging Quantity	800

Other

Comment	Clinch Nut: 4-40 threads with self-locking feature, Plugs accept size 20 DF pin contacts.

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 2021 (211)

	Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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

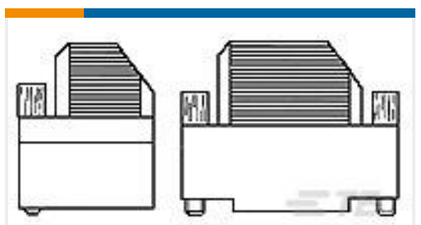
Compatible Parts

TE Part # CAT-035-DCRSS201
D-Sub Crimp Recpt Signal 9 Posn, Socket Size 20, Shell Size 1

TE Part # CAT-035-DCPPS201
D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1

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

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



TE Part # 1393738-2
V42254A6000G115=SUB D GEHAEUSE

Customers Also Bought

TE Part #1658610-2
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

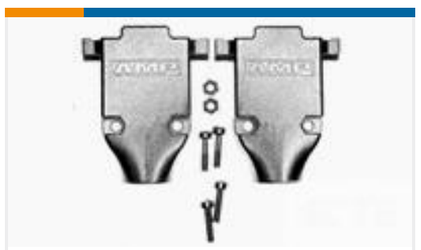
TE Part #1658644-1
D-Sub Crimp Recpt Signal 15 Posn, Socket Size 20, Shell Size 2

TE Part #1658643-1
D-Sub Crimp Recpt Signal 9 Posn, Socket Size 20, Shell Size 1

TE Part #164164-2
TYPE III CONTACTS LP

TE Part #1-5102156-1
AMP-LATCH UNIVERSAL HEADERS

TE Part #1-2308345-5
D-SUB BACKSHELL SIZE 4



TE Part #1-5745172-3
AMPLI CBL CLMP KIT

TE Part #1-1879267-3
RP 2B 750K 0.1% 15PPM CUT LENGTH

TE Part #1658690-1
D-Sub Crimp Recpt Signal 15 Posn, Socket Size 22, Shell Size 1

TE Part #DT15-12PA-B028
DEUTSCH DT HEADERS

Documents

Product Drawings

HDP-20,PLUG,SIZE 1, 9 POSN,CLI

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1658642-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_1658642-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_1658642-1_B.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

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1658642-1_10052017226_dmtec

English

MD_1658642-1_10052017226_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English