



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**

Contact Size: **Size 20**

Connector Shell Size: **1**

[All D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1 \(12\)](#)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Ground Feature Type	Grounding Indents
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Shell Size	1
Sealable	No

Configuration Features

Number of Positions	9
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Body Features

Insert Material	Glass-Filled Nylon
Shell Plating Material	Tin
Primary Product Color	Black



Contact Features

Contact Options	Order Separately
Contact Size	Size 20

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Mounting Holes

Housing Features

Shell Material	Steel
Housing Material	Thermoplastic
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

Compatible Insulation Diameter Range	1.73 mm
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Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
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Operation/Application

Circuit Application	Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	50
Packaging Method	Box

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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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



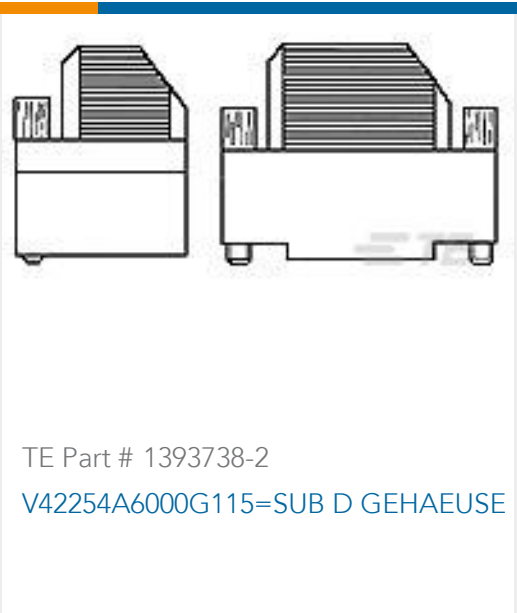
TE Part # CAT-035-DCRSS201
D-Sub Crimp Recept Signal 9 Posn,
Socket Size 20, Shell Size 1



TE Part # 1579007-9
EXTRACTION TOOL



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



TE Part # 1393738-2
V42254A6000G115=SUB D GEHAEUSE



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

Customers Also Bought



TE Part # 164532-4
15P.HDP20 REC.ASSY.



TE Part # 164533-4
25P.HDP20 REC.ASSY.



TE Part # 2-34806-2
PIDG 16-14HD R 1/4; TAPE



TE Part # 4-2176371-0
RQ 0603 11K8 0.1% 10PPM 5K RL





TE Part # 4-640426-4
14P MTA156 CONN ASSY 18AWG
ORA



TE Part # 2-2232263-1
PTL 1X2 CAP PANEL MT HOT WIRE
KEY B NAT



TE Part # 928040-4
4P TELFIX BU-GEH



TE Part # 1734517-3
STD USB TYPE B, VERTICAL, SMT,
GRD FINGER



TE Part # 653522-1
STRIPPER BLADE

Documents

Product Drawings

09P.HDP20 PLUG ASSY

English

CAD Files

Customer View Model

ENG_CVM_167292-1_M.3d_igs.zip

English

Customer View Model

ENG_CVM_167292-1_M.3d_stp.zip

English

Customer View Model

ENG_CVM_167292-1_M.2d_dxf.zip

English

3D PDF

3D

3D PDF

3D

Customer View Model

ENG_CVM_CVM_167292-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_167292-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_167292-1_N.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 - Subminiature D Connectors for Cable Mounting](#)

English

Product Specifications

[Ocena wizualna zlaczy HD20 WTW](#)

[Workmanship Specification](#)