



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



Number of Positions: 9

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Panel Mount**

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 & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Shell Size	1
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
---------------------	---

Body Features

Shell Plating Material	Tin
Mating Retention Feature Material	Stainless Steel



Primary Product Color	Black
-----------------------	-------

Insert Material	Nylon GF
-----------------	----------

Contact Features

Contact Size	Size 20
--------------	---------

Contact Options	Supplied – Uninstalled
-----------------	------------------------

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Mounting Feature Material	Steel
---------------------------	-------

Mating Retention Feature Plating Material	Zinc
---	------

Connector Mounting Type	Panel Mount
-------------------------	-------------

Mating Retention	With
------------------	------

Mating Retention Type	Mounting Holes
-----------------------	----------------

Housing Features

Housing Material	Nylon GF, Polyester GF
------------------	------------------------

Shell Material	Steel
----------------	-------

Centerline (Pitch)	2.74 mm[.108 in]
--------------------	------------------

Dimensions

Compatible Insulation Diameter Range	4.7 – 8.13 mm
--------------------------------------	---------------

Wire Size	24 – 20 AWG
-----------	-------------

Usage Conditions

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

Operation/Application

Shielded	Yes
----------	-----

Circuit Application	Signal
---------------------	--------

Industry Standards

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

Packaging Features

Packaging Method	Kit, 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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: TBPH (7.31% in 209027263) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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



Customers Also Bought



TE Part #452071-000
[DK-621-1633-1P](#)

TE Part #996227-000
[RBD-75-M-00](#)

TE Part #52433-1
[TERMINAL,PIDG SPR SPD 12-10](#)

TE Part #749806-8
[KIT, HDP-20,RCPT,SIZE 2, 15 PO](#)

TE Part #749806-9
[KIT,HDP-20,RCPT,SIZE 3, 25 POS](#)

TE Part #1658678-1
[KIT,HDP-22,ENCLSUR,PLUG,SIZE 1](#)

TE Part #CAT-038-DCRSS221
[D-Sub Crimp Recpt Signal 15 Posn, Socket Size 22, Shell Size 1](#)

TE Part #911225-000
[DK-621-1639-4S](#)

Documents

Product Drawings

[KIT,HDP-20,PLUG,SIZE 1, 9 POSN](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_749805-7_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_749805-7_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_749805-7_B.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English



Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English