

1658641-2 ✓ ACTIVE

AMPLIMITE

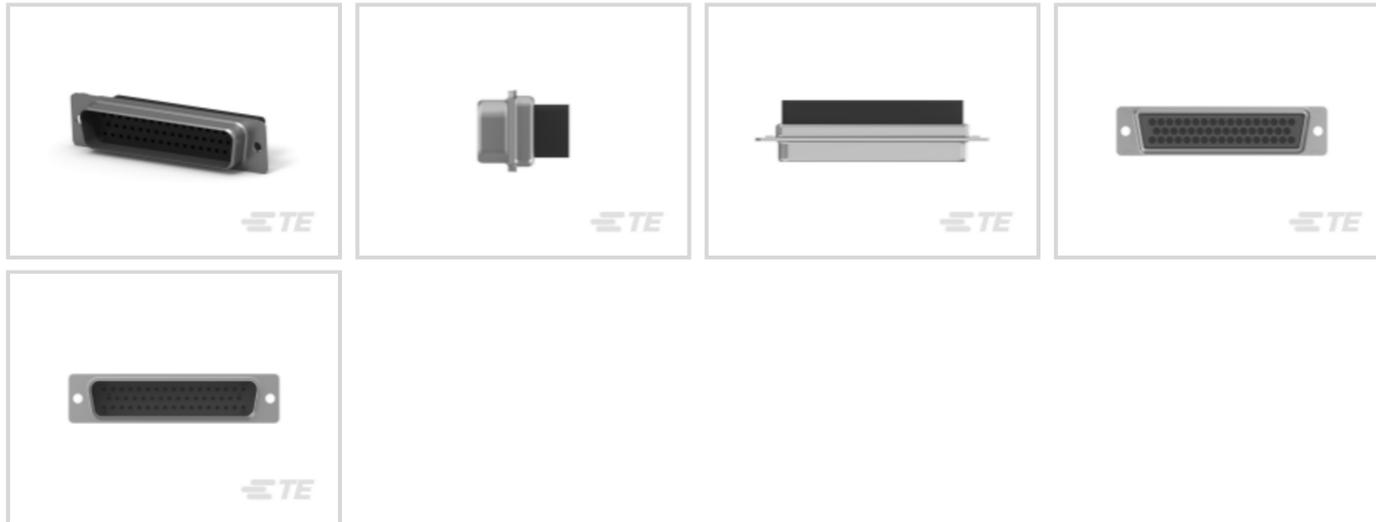
TE Internal #: 1658641-2

50 Position D-Shaped Connector, Plug, Cable-to-Cable, Panel Mount, Shell Size 5, 2.74 mm / 2.77 mm / 2.79 mm [.108 in / .109 in / .11 in] Centerline

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5



Number of Positions: 50

Connector & Housing Type: Plug

Connector System: Cable-to-Cable

Connector Mounting Type: Panel Mount

Connector Shell Size: 5

[All D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5 \(4\)](#)

### 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	5
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	50
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#### Body Features

Shell Plating Material	Tin
Primary Product Color	Black



Insert Material	Glass-Filled Nylon
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### Contact Features

Contact Size	Size 20
Contact Options	Order Separately

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

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, 2.77 mm, 2.79 mm [.108 in][.109 in] [.11 in]

### Dimensions

Compatible Insulation Diameter Range	4.58 – 11.68 mm
Wire Size	24 – 20 AWG

### Usage Conditions

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

Shielded	No
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Package
Packaging Quantity	225

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

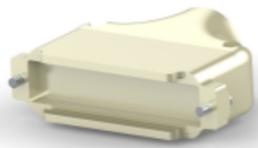
Product Compliance Disclaimer

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-DCRSS205  
D-Sub Crimp Recept Signal 50 Posn,  
Socket Size 20, Shell Size 5



TE Part # 5748677-5  
PLTD PLST CBL CLMP KIT,SZ 5

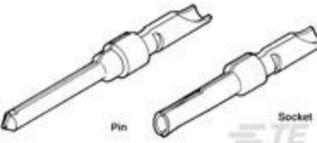
### Customers Also Bought



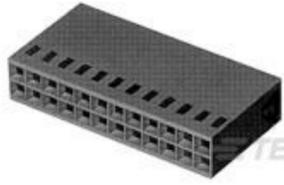
TE Part #97F1-08-1-B  
97F1-08-1-B



TE Part #U5254-000002-014BA  
PRESS XDCR U5254-000002-014BA



TE Part #66570-3  
20DF PIN CONT. LP



TE Part #1-87456-0  
14 MODIV HSG DR MRKD .100CL



## Documents

### Product Drawings

[HDP-20,PLUG,SIZE 5, 50 POSN](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1658641-2\\_D.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1658641-2\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1658641-2\\_D.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



**Instruction Sheets**

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

English

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**Agency Approvals**

[CSA Certificate](#)

English