# 1658656-1 ✔ ACTIVE

AMPLIMITE

TE Internal #: 1658656-1

Crimp D-Sub Connectors, Receptacle, Cable-to-Cable, 15 Position, 20 D-Sub Contact Size, 2 D-Sub Shell Size, Mating Retention, Jackscrews, Shielded

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > Crimp D-Sub Connectors >

D-Sub Crimp Recpt Signal 15 Posn, Socket Size 20, Shell Size 2

Connector & Housing Type: **Receptacle**

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

Number of Positions: **15**

D-Sub Contact Size: **20**

D-Sub Shell Size: **2**

All D-Sub Crimp Recpt Signal 15 Posn, Socket Size 20, Shell Size 2 (10)

## Features

### Product Type Features

| | |
|---|---|
| Grounding Indents | Without |
| Product Type | Connector |
| Grade | Standard |
| Shell Type | Full Metal Shell |
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Cable |
| D-Sub Shell Size | 2 |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 15 |

### Body Features

| | |
|---|---|
| Shell Plating Material | Tin |
| Shield Plating Material | Tin |
| Shell Material | Steel |
| Shield Material | Steel |
| Insert Material | Glass Filled Nylon |

## Contact Features

| | |
|---|---|
| D-Sub Contact Size | 20 |

## Mechanical Attachment

| | |
|---|---|
| Jackscrew Material | Zinc Alloy |
| Mating Retention | With |
| Mating Retention Type | Jackscrews |

## Housing Features

| | |
|---|---|
| Housing Color | Black |
| Housing Material | Nylon GF |
| Centerline (Pitch) | 2.74 mm[.108 in] |

## Dimensions

| | |
|---|---|
| Cable Insulation Diameter Range | 4.83 – 8.38 mm |

## 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 Quantity | 1 |
| Packaging Method | Bulk Kit, Package |

## Other

| | |
|---|---|
| Comment | Maximum cable diameter after jacket and braid removed., Receptacles accept size 20 DF socket contacts., There is a maximum |

| | |
|---|---|
| | Cable O.D. of 9.02 [.355] for Shielding Enclosure Expansion Tool 58241-4. |

## 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)<br>Candidate List Declared Against: JAN 2021 (211)<br>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-DCPPS202
D-Sub Crimp: Plug, Signal, 15 Posn, Pin Size 20, Shell Size 2

TE Part # CAT-035-DCRSS202
D-Sub Crimp Recpt Signal 15 Posn, Socket Size 20, Shell Size 2

TE Part # 747537-2
HDP-20,OVRMLD RCPT SUBASSY,SIZ

## Customers Also Bought

TE Part #1658678-1
D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 22, Shell Size 1

TE Part #1658657-1
D-Sub Crimp: Plug, Signal, 15 Posn, Pin Size 20, Shell Size 2

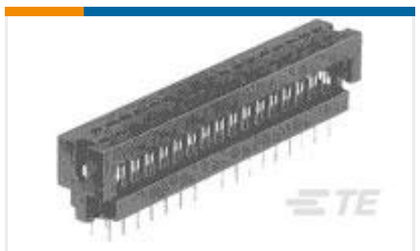
TE Part #1658659-1
D-Sub Crimp: Plug, Signal, 25 Posn, Pin Size 20, Shell Size 3

TE Part #1658654-1
D-Sub Crimp Recpt Signal 9 Posn, Socket Size 20, Shell Size 1

TE Part #1658658-1
D-Sub Crimp Recpt Signal 25 Posn, Socket Size 20, Shell Size 3

TE Part #1658655-1
D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1

TE Part #1-330518-2
TERMINAL,PG R 12-10 10



TE Part #1658525-4
622-0653LF, PCB IDC, LEAD FREE

TE Part #1658660-1
D-Sub Crimp Recpt Signal 37 Posn, Socket Size 20, Shell Size 4

TE Part #A36726-000
EP-762095-5-9

## Documents

### Product Drawings

KIT,HDP-20,ENCLSUR,RCPT,SIZE 2

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658656-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658656-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658656-1_A.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_1658656-1_0614201899_dmtec

English

MD_1658656-1_0614201899_dmtec

English

## Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

## Agency Approvals

UL Report

English