

1658675-1 ✓ ACTIVE



**AMPLIMITE**

TE Internal #: 1658675-1

15 Position D-Shaped Connector, Plug, Cable-to-Cable, Panel Mount, Shell Size 1, 2.29 mm [.09 in] Centerline, Wire & Cable, Signal

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 22, Shell Size 1



Number of Positions: 15

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Panel Mount**

Connector Shell Size: 1

[All D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 22, Shell Size 1 \(4\)](#)

### 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              | 1                 |
| Sealable                          | No                |
| Connector & Contact Terminates To | Wire & Cable      |

#### Configuration Features

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

#### Body Features

|                         |     |
|-------------------------|-----|
| Shell Plating Material  | Tin |
| Shield Plating Material | Tin |



|                 |                        |
|-----------------|------------------------|
| Insert Material | Glass-Filled PBT/Nylon |
|-----------------|------------------------|

|                 |       |
|-----------------|-------|
| Shield Material | Steel |
|-----------------|-------|

### Contact Features

|              |         |
|--------------|---------|
| Contact Size | Size 22 |
|--------------|---------|

|                 |                  |
|-----------------|------------------|
| Contact Options | Order Separately |
|-----------------|------------------|

### Termination Features

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

### Mechanical Attachment

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

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

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

### Housing Features

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

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 2.29 mm [.09 in] |
|--------------------|------------------|

### Dimensions

|                                      |                 |
|--------------------------------------|-----------------|
| Compatible Insulation Diameter Range | 4.19 – 11.56 mm |
|--------------------------------------|-----------------|

### 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 | Bag |
|------------------|-----|

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

### 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 | 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.  |
| Solder Process Capability                     | Not applicable for solder process capability  |

Product Compliance Disclaimer

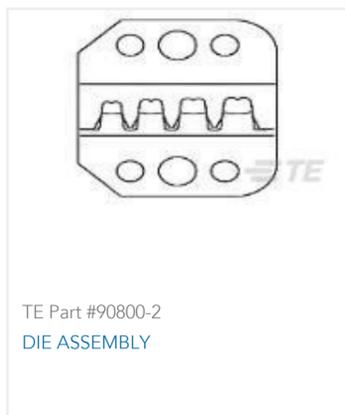
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





## Documents

### Product Drawings

[HDP-22,OVRMLD,PLUG KIT,SIZE 1,](#)

English

### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_1658675-1\\_O.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1658675-1\\_O.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1658675-1\\_O.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

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

English

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### Agency Approvals

[CSA Certificate](#)

English