# 8-1393480-6 ✔ ACTIVE

AMPLIMITE

TE Internal #: 8-1393480-6

15 Position D-Shaped Connector, Plug, Cable-to-Board, Board Mount, Shell Size 2, 2.74 mm [.108 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **15**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **2**

## Features

### Product Type Features

| | |
|---|---|
| Ground Feature Type | Grounding Indents, Grounding Straps |
| Shell Material Configuration | Full Metal Shell |
| Connector & Housing Type | Plug |
| Connector System | Cable-to-Board |
| Connector Shell Size | 2 |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| Number of Positions | 15 |
| Number of Rows | 2 |
| PCB Mount Orientation | Right Angle |

### Body Features

| | |
|---|---|
| Assembly Process Feature Material | Brass |
| Shell Plating Material | Tin |
| Primary Product Color | Black |
| Connector Profile | Eurostyle |

### Contact Features

| | |
|---|---|
| | 30 µin |
| Contact Mating Area Plating Material | Gold (Au) |

| | |
|---|---|
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Shape & Form | Round |
| Contact Current Rating (Max) | 2.2 A |
| Contact Options | Installed |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 3.2 mm[.126 in] |

## Mechanical Attachment

| | |
|---|---|
| Mounting Hole Diameter | 3.1 mm |
| PCB Mount Alignment | With |
| Assembly Process Feature Plating Material | Tin |
| Connector Mounting Type | Board Mount |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Boardlock |
| Mating Retention | With |
| Mating Retention Type | Threaded Insert, 4-40 UNC |

## Housing Features

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

## Dimensions

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|---|---|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| Row-to-Row Spacing | 2.84 mm[.112 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |

## Operation/Application

| | |
|---|---|
| Durability Rating | 250 Cycles |
| Circuit Application | Signal |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |
| Compatible With Approved Standards Products | DIN 41652 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 32 |
| Packaging Method | Tray |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 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 2022 (224)<br>SVHC > Threshold:<br>Pb (4% in Component Part)<br>**Article Safe Usage Statements:**<br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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 | Wave solder capable to 265°C |

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

## Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



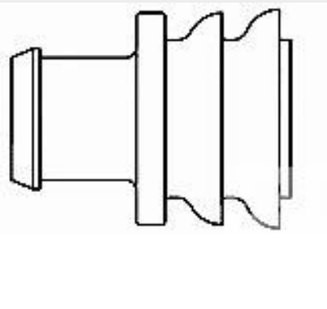
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_8-1393480-6_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_8-1393480-6_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_8-1393480-6_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 - Right-Angle Posted Connectors

English