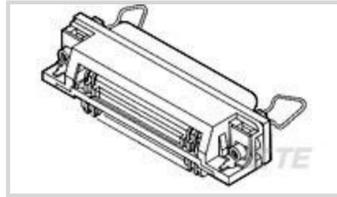




Connectors > D-Shaped Connectors



Number of Positions: **50**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Panel Mount**

Centerline (Pitch): **2.16 mm [ .085 in ]**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Cable-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                       |             |
|-----------------------|-------------|
| Number of Positions   | 50          |
| Number of Rows        | 2           |
| PCB Mount Orientation | Right Angle |

### Body Features

|                         |                    |
|-------------------------|--------------------|
| Shield Plating Material | Nickel over Copper |
| Shield Plating Finish   | Bright             |
| Shield Material         | Zinc               |
| Primary Product Color   | Black              |
| Connector Profile       | Standard           |

### Contact Features

|                                                |              |
|------------------------------------------------|--------------|
| Contact Mating Area Plating Material Thickness | .76 $\mu$ m  |
| Contact Mating Area Plating Material           | Gold (Au)    |
| Contact Base Material                          | Copper Alloy |
| PCB Contact Termination Area Plating Material  | Tin          |
| Contact Current Rating (Max)                   | 3.5 A        |

|                 |           |
|-----------------|-----------|
| Contact Options | Installed |
|-----------------|-----------|

### Termination Features

|                                               |                       |
|-----------------------------------------------|-----------------------|
| Rectangular Termination Post & Tail Width     | .5 mm[.019 in]        |
| Rectangular Termination Post & Tail Thickness | .25 mm[.01 in]        |
| Termination Method to PCB                     | Through Hole - Solder |

### Mechanical Attachment

|                          |             |
|--------------------------|-------------|
|                          | .128 in     |
| Panel Attachment Style   | Rear Mount  |
| Connector Mounting Type  | Panel Mount |
| PCB Mount Retention      | With        |
| PCB Mount Retention Type | Boardlock   |
| Mating Retention         | With        |
| Mating Retention Type    | Screwlocks  |

### Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | Polyester GF     |
| Centerline (Pitch) | 2.16 mm[.085 in] |

### Dimensions

|                             |                  |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| Row-to-Row Spacing          | 4.3 mm[.169 in]  |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | Yes    |
| Circuit Application | Signal |

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 40   |
| Packaging Method   | Tray |

### 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 2025 (247)<br>Candidate List Declared Against: JUN 2016 (169)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Customers Also Bought



TE Part #1-644753-6  
16P MTA156 HDR ASSY RN STR F/L



TE Part #7-1879254-1  
RP 2B 40R2 0.1% 15PPM 1K RL



TE Part #1883150-2  
A600 SZ 2 RCPT F36/blnk/59



TE Part #1888250-5  
Low Profile,RJ45,1x1,GRN/YEL



TE Part #2057410-1  
IMP100S,R,RA2P16C,RG,39



TE Part #2169851-1  
Heat Sink Clip, Ganged SFP+



TE Part #5100785-1  
2MM HDR, 125 POS 9.7MM



TE Part #5120791-1  
ZP HS3 DB 10R REC 050P CT PD



TE Part #5557984-2  
RCPT ASSY, 50POS, SHLDED, ACTI



TE Part #5557932-2  
RCPT ASSY,SHLD, 50 POSN, RTANG

## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5557932-1\\_A.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5557932-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5557932-1\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

[Application Specification](#)

English