

# D369-B66-AP4 ✓ ACTIVE

DEUTSCH | DEUTSCH 369

TE Internal #: YD369-B66-AP400000

Standard Rectangular Connectors, Connector Assembly,  
Receptacle, Mating Alignment, Keyed Mating Alignment Type,  
Mating Retention, Crimp, DEUTSCH 369

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors > Rectangular Connectors: 6-Way Panel Mount, 90PCB



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Mating Retention: **With**

[All Rectangular Connectors: 6-Way Panel Mount, 90PCB \(30\)](#)

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector Seal & Plug Type        | Triple-Seal           |
| Connector Shell Size              | 06                    |
| Connector Product Type            | Connector Assembly    |
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Wire-to-Board         |
| Insertion Force Type              | Normal                |
| Sealable                          | Yes                   |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                            |             |
|----------------------------|-------------|
| Number of Cavities         | 6           |
| Contacts Preloaded         | Yes         |
| Number of Power Positions  | 6           |
| Number of Columns          | 3           |
| PCB Mount Orientation      | Right Angle |
| Number of Signal Positions | 6           |
| Number of Positions        | 6           |



|                |   |
|----------------|---|
| Number of Rows | 2 |
|----------------|---|

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 400 VAC |
|-------------------|---------|

### Body Features

|                         |  |
|-------------------------|--|
| Connector Seal Color    | Natural                                      |
| Seal Type               | Grommet Seal, Interfacial Seal, Panel Gasket |
| Cable Exit Angle        | 180°   |
| Seal Material           | Fluorosilicone                               |
| Connector & Keying Code | A  |

### Contact Features

|   |         |
|---|---------|
| Contact Size                                  | Size 22 |
| Contact Type                                  | Pin     |
| PCB Contact Termination Area Plating Material | Gold    |
| Contact Mating Area Plating Material          | Gold    |
| Contact Retention Within Housing              | With    |
| Contact Current Rating (Max)                  | 5 A     |

### Termination Features

|   |                       |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
| Termination Method to Wire & Cable          | Crimp                 |

### Mechanical Attachment

|                          |                     |
|--------------------------|---------------------|
| PCB Mount Alignment Type | Solder Tail Layout  |
| PCB Mount Alignment      | With                |
| PCB Mount Retention      | With                |
| Panel Mount Feature Type | Clip, Mounting Hole |
| PCB Mount Retention Type | Guide Post          |
| Mating Alignment         | With                |
| Mating Alignment Type    | Keyed               |
| Mating Retention         | With                |
| Mating Retention Type    | Button Latch        |
| Connector Mounting Type  | Panel Mount         |

### Housing Features



|                    |                |
|--------------------|----------------|
| Shell Material     | Composite      |
| Housing Material   | Composite      |
| Housing Color      | Red            |
| Centerline (Pitch) | 2.54 mm[.1 in] |

### Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| PCB Thickness (Recommended)          | 1.6 mm[.063 in]               |
| Row-to-Row Spacing                   | 2.54 mm[.1 in]                |
| Compatible Insulation Diameter Range | .71 – 1.37 mm[.028 – .054 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 175 °C[-67 – 347 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Shielded            | No             |
| Circuit Application | Power & Signal |

### 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                   | Not Yet Reviewed   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (1.2% in Contact)<br><b>Article Safe Usage Statements:</b><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 Yet Reviewed for halogen content   |
| Solder Process Capability                     | Reflow solder capable to 245°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

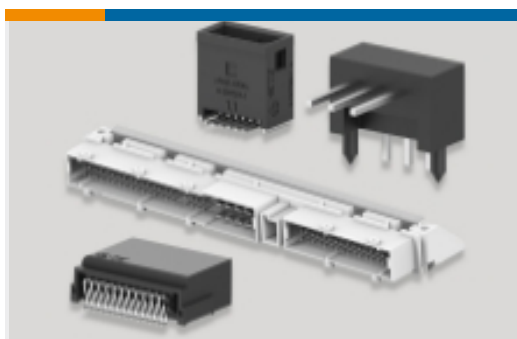
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # YD369-P66-AS000000  
369 6 WAY PLUG, NO CONTACTS,  
SKT

## Also in the Series | DEUTSCH 369

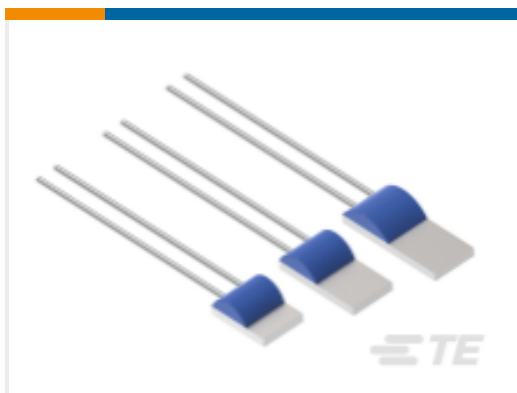


PCB Headers & Receptacles(46)



Standard Rectangular Connectors(403)

## Customers Also Bought



TE Part #NB-PTCO-161  
Pt100 RTD Thin Film Element



TE Part #D369-P99-NS0  
369 9 WAY PLUG, NO CONTACTS,  
SKT



TE Part #YD369-P66-BS000000  
369 6 WAY PLUG, NO CONTACTS,  
SKT

## Documents

### Product Drawings

[369 6 WAY PANEL MNT REC, 90 PCB GOLD,PIN](#)

English

[369 6 WAY PANEL MNT REC, 90 PCB GOLD,PIN](#)

English

### CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_YD369-B66-AP400000\\_AA.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_YD369-B66-AP400000\\_AA.3d\\_igs.zip](#)

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English

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