



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Product Type: **Socket Insert with PC Tail Contacts**

Connector Style: **Plug/Receptacle**

Mating Alignment Type: **Keyed**

PCB Mount Retention: **Without**

PCB Mount Orientation: **Right Angle**

## Features

### Product Type Features

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Product Type                      | Socket Insert with PC Tail Contacts |
| Connector Style                   | Plug/Receptacle                     |
| Connector System                  | Cable-to-Board                      |
| Insertion Force                   | Standard                            |
| Sealable                          | Yes                                 |
| Connector & Contact Terminates To | Printed Circuit Board               |

### Configuration Features

|                       |             |
|-----------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions   | 11          |
| Number of Rows        | 3           |

### Contact Features

|                              |                  |
|------------------------------|------------------|
| Contact Plating Material     | Gold Over Copper |
| Contact Current Rating (Max) | 13 A             |

### Termination Features

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

### Mechanical Attachment

|                       |       |
|-----------------------|-------|
| Mating Alignment Type | Keyed |
|-----------------------|-------|



|                         |             |
|-------------------------|-------------|
| PCB Mount Retention     | Without     |
| Contact Retention       | Clipped     |
| Connector Mounting Type | Board Mount |

### Usage Conditions

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

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

## Product Compliance

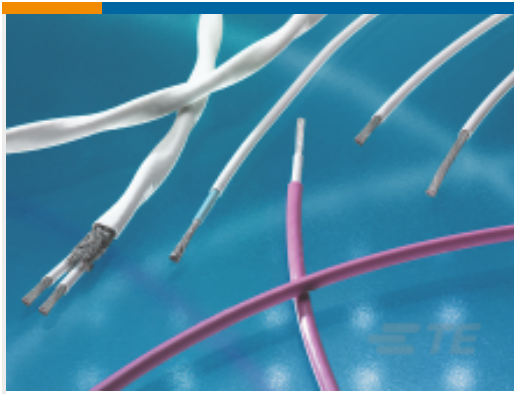
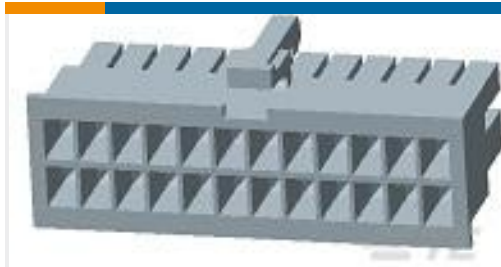
[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Out of Scope   |
| EU ELV Directive 2000/53/EC                   | Out of Scope   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2019 (197)<br>Candidate List Declared Against: JAN 2019 (197) |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free            |
| Solder Process Capability                     | Not reviewed 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 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 #EK1188-000  
55A1826-22-9/96-9TE Part #1-1969598-8  
18P FH PLUG VAL-U-LOK  
V2TE Part #318402-000  
55A1821-22-9/96-9TE Part #1-1969597-8  
18P RCPT VAL-U-LOK V2TE Part #D369-P33-DP0  
369 3 WAY PLUG, NO  
CONTACTS, PINTE Part #D369-R33-DS0  
369 3 WAY REC, NO  
CONTACTS, SKTTE Part #D369-R33-DS1  
369 3 WAY REC, CRIMP,  
SKTTE Part #3-1630186-5  
HSA50 620R 5%TE Part #1676814-2  
HSA5 230R 5%TE Part #2-1879350-2  
RR01 5% 1R6 AMMO

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000099565\\_1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000099565\\_1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000099565\\_1.3d\\_stp.zip](#)

English

### Datasheets & Catalog Pages

#### DMC-M Series Single Module EN4165

English

#### DEUTSCH DMC-M Series Multicavity EN4165 Connectors

English

732-8256-99

TE Part # ZPF00000000099565  
TE Internal #: 732-8256-99



**Product Environmental Compliance**

**REACH Substance Communication Document**

English

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