

Connectors &gt; Rectangular Connectors &gt; Rectangular Contact Inserts

Rectangular Connector Insert Type: [Insert for Contacts](#)Contact Type: [Pin](#)Pole Configuration: [12](#)Termination Method to Wire & Cable: [Crimp](#)Connector System: [Wire-to-Wire](#)

## Features

### Mechanical Attachment

Connector Mounting Type

Cable Mount (Free-Hanging)

### Body Features

Primary Product Material

Composite

### Housing Features

Centerline (Pitch)

3.38 mm[.13 in]

### Usage Conditions

Operating Temperature Range

-55 – 175 °C[-67 – 347 °F]

### Packaging Features

Packaging Method

Package

Packaging Quantity

1

### Product Type Features

Connector &amp; Contact Terminates To

Wire &amp; Cable

Rectangular Connector Insert Type

Insert for Contacts

Connector System

Wire-to-Wire

Sealable

Yes

### Contact Features

Contact Type

Pin

Pole Configuration

12

**Termination Features**

Termination Method to Wire &amp; Cable

Crimp

**Configuration Features**

Number of Positions

12

**Dimensions**

Wire Size

.25 – .5 mm<sup>2</sup>**Operation/Application**

Circuit Application

Power, Signal &amp; High Speed Data

**Other**

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

**Product Compliance**

For compliance documentation, visit the product page on TE.com&gt;

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: JUNE 2024  
(241)Candidate List Declared Against: JUNE  
2024 (241)SVHC > Threshold:  
Dodecamethylcyclohexasiloxane (D6) (1%  
in component)  
Decamethylcyclopentasiloxane (D5) (1% in  
component)  
Octamethylcyclotetrasiloxane (D4) (1% in  
component)**Article Safe Usage Statements:**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

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 #ZPF000000000008528  
983-S 08-03 SN-L



TE Part #ZPF000000000015212  
DMC-M 08-16 AA



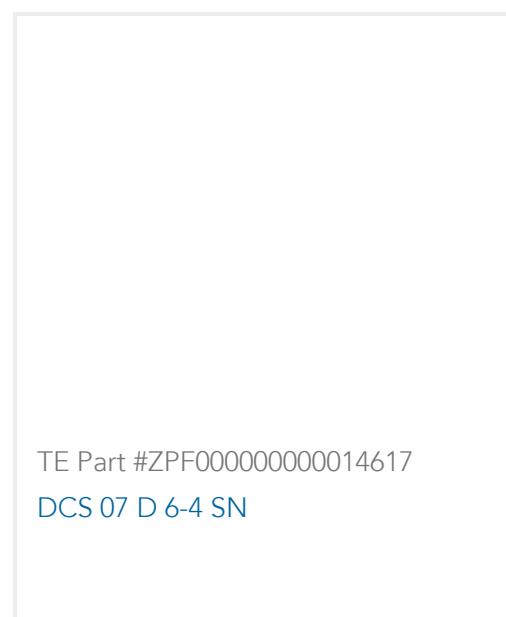
TE Part #ZPF000000000015260  
DMC-M 12-20 BC



TE Part #ZPF000000000017985  
FDBA 50-12-10 SN-K 090 A838



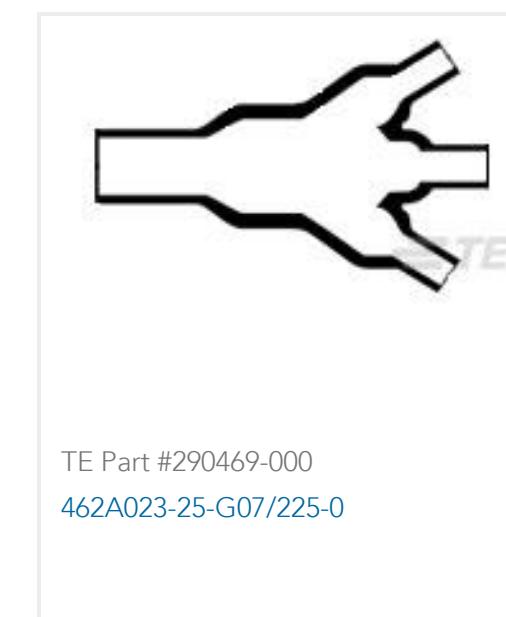
TE Part #ZPF000000000108984  
DBAD 78-61-948 PN 090 K5624



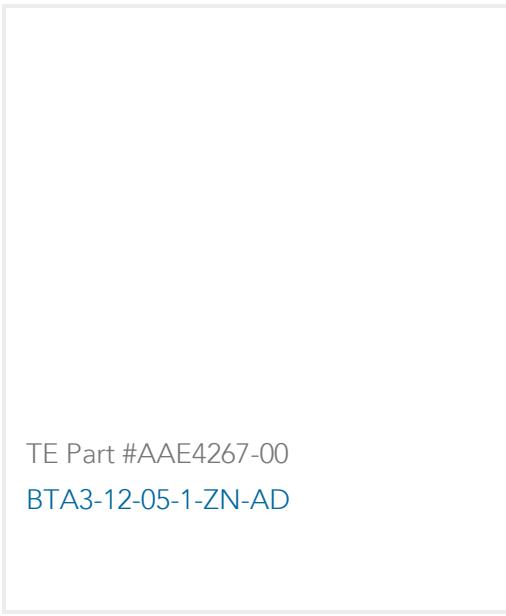
TE Part #ZPF000000000014617  
DCS 07 D 6-4 SN



TE Part #EK6490-000  
PC426HP-BT1-23-95FS-SA-1-ZB



TE Part #290469-000  
462A023-25-G07/225-0



TE Part #AAE4267-00  
BTA3-12-05-1-ZN-AD



TE Part #ZPF000000000085968  
DMC-MD 0644-01A 5155

## Documents

### Product Drawings

#### DMC-M 12-20 AD

English

### Datasheets & Catalog Pages

**DMC-M Series Single Module EN4165**

English