



DEUTSCH

TE Internal #: ZPF000000000015299  
Insert for Contacts, Socket, 20 Pole Configuration, Crimp, Wire-to-Wire, Sealable, 26 – 22 AWG, .15 – .4 mm² Wire, Power, Signal & High Speed Data

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Contact Inserts



Rectangular Connector Insert Type: **Insert for Contacts**  
Contact Type: **Socket**  
Pole Configuration: **20**  
Termination Method to Wire & Cable: **Crimp**  
Connector System: **Wire-to-Wire**

Features

Product Type Features

|                                   |                     |
|-----------------------------------|---------------------|
| Connector & Contact Terminates To | Wire & Cable        |
| Rectangular Connector Insert Type | Insert for Contacts |
| Connector System                  | Wire-to-Wire        |
| Sealable                          | Yes                 |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 20 |
|---------------------|----|

Body Features

|                          |           |
|--------------------------|-----------|
| Primary Product Material | Composite |
|--------------------------|-----------|

Contact Features

|                    |        |
|--------------------|--------|
| Contact Type       | Socket |
| Pole Configuration | 20     |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
|--------------------|----------------|



Dimensions

|           |              |
|-----------|--------------|
| Wire Size | .15 – .4 mm² |
|-----------|--------------|

Usage Conditions

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

Operation/Application

|                     |                                 |
|---------------------|---------------------------------|
| Circuit Application | Power, Signal & High Speed Data |
|---------------------|---------------------------------|

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Method   | Bag |
| Packaging Quantity | 1   |

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                   | Not Yet Reviewed   |
| 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: JUNE 2024 (241)<br>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (1% in component)<br>Decamethylcyclopentasiloxane (D5) (1% in component)<br>Octamethylcyclotetrasiloxane (D4) (1% in component)<br><b>Article Safe Usage Statements:</b><br>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   |

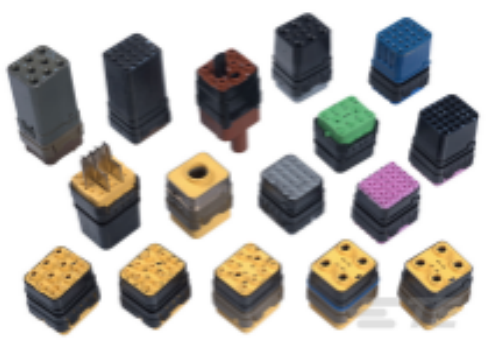
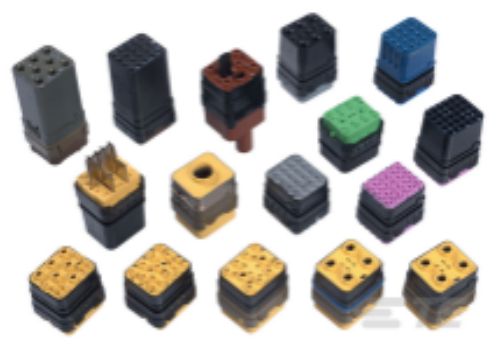

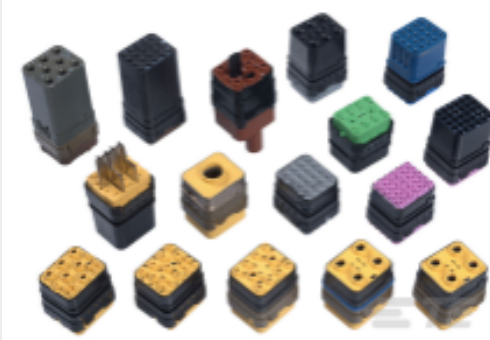
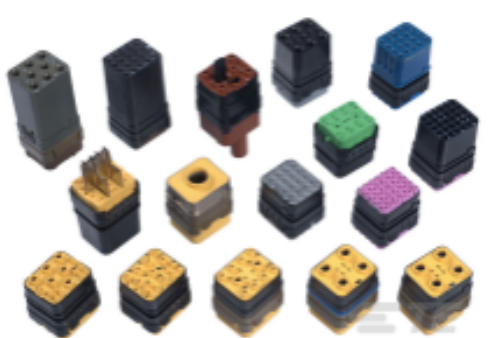


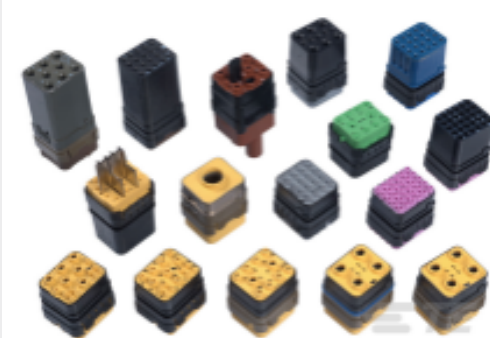
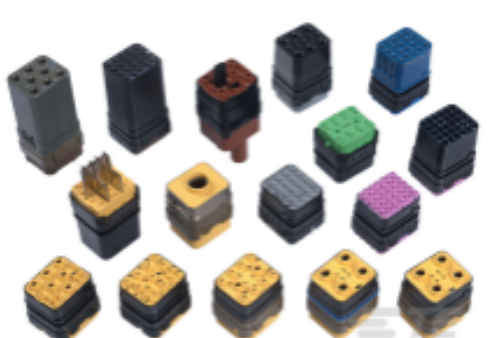




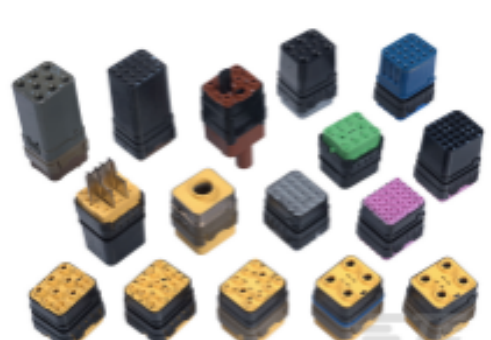


Product Compliance Disclaimer

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.

Compatible Parts

|  |   |  |  |
|--|---|--|--|
|  <p>TE Part # ZPF000000000141068<br/>DMC-M 22-07 AN</p>  |  <p>TE Part # ZPF000000000206117<br/>DMC-M 22-05 AN</p>  |  <p>TE Part # ZPF000000000206118<br/>DMC-M 22-10 AN</p>  |  <p>TE Part # ZPF000000000206302<br/>DMC-M 22-10 PN</p>  |
|  <p>TE Part # ZPF000000000206300<br/>DMC-M 22-07 PC</p> |  <p>TE Part # ZPF000000000206456<br/>DMC-M 99-11 AN</p> |  <p>TE Part # ZPF000000000206292<br/>DMC-M 22-05 PB</p> |  <p>TE Part # ZPF000000000206293<br/>DMC-M 22-05 PC</p> |
|  <p>TE Part # ZPF000000000206303<br/>DMC-M 22-10 PA</p> |  <p>TE Part # ZPF000000000206264<br/>DMC-M 22-07 AB</p> |  <p>TE Part # ZPF000000000206265<br/>DMC-M 22-07 AC</p> |  <p>TE Part # ZPF000000000206269<br/>DMC-M 22-10 AC</p> |
|  <p>TE Part # ZPF000000000206261<br/>DMC-M 22-05 AC</p> |  <p>TE Part # ZPF000000000206262<br/>DMC-M 22-05 AD</p> |  <p>TE Part # ZPF000000000206266<br/>DMC-M 22-07 AD</p> |  <p>TE Part # ZPF000000000206301<br/>DMC-M 22-07 PD</p> |

DMC-M 20-22 BN

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TE Part # ZPF000000000206305  
DMC-M 22-10 PC

TE Part # ZPF000000000206297  
DMC-M 22-07 PN

TE Part # ZPF000000000206295  
DMC-M 22-05 PN

TE Part # ZPF000000000206259  
DMC-M 22-05 AA

Customers Also Bought

TE Part #ZPF000000000107200  
787-8055-11M

TE Part #1577616-1  
TERMINAL, PEEK PIDG STRATO, 24-22AWG

TE Part #33525M11-08SN  
PLUG ASSY

TE Part #ZPF000000000003597  
724-0003-16

TE Part #33525M11-08SA  
PLUG ASSY

TE Part #ZPF000000000003599  
724-0003-22

TE Part #ZPF000000000003628  
724-1064-16

TE Part #ZPF000000000015226  
DMC-M 08-16 BN

TE Part #ZPF0000000000015256  
DMC-M 12-20 BA

TE Part #2000048-2  
Plug connector, data, PNP

Documents

Product Drawings

DMC-M 20-22 BN

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_ZPF000000000015299\_1.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000015299\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_ZPF000000000015299\\_1.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[DMC-M Series Single Module EN4165](#)

English