



DEUTSCH

TE Internal #: ZPF000000000015291  
Rectangular Contact Inserts, Insert for Contacts, Pin, 20 Pole Configuration, Crimp, Wire-to-Wire, 20 Position, Sealable, 26 - 22 AWG Wire Size  
[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Contact Inserts



Rectangular Connector Insert Type: **Insert for Contacts**  
Contact Type: **Pin**  
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       | Pin |
| 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 mm <sup>2</sup> |
|-----------|--------------------------|

Usage Conditions

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

Operation/Application

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

Packaging Features

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

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                   | Out of Scope                                                                                                                   |
| 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 2024 (240)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| 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



TE Part # CAT-DMC-22CS  
Rectangular Connector: PCB inserts,  
22 Contact Size



TE Part # ZPF000000000114457  
DMC-M 22-05 BC



TE Part # ZPF000000000114454  
DMC-M 22-05 BN



TE Part # ZPF000000000113058  
DMC-M 22-05 SA



TE Part # ZPF000000000113059  
DMC-M 22-05 SB



TE Part # ZPF000000000113060  
DMC-M 22-05 SC



TE Part # ZPF000000000113061  
DMC-M 22-05 SD



TE Part # ZPF000000000105361  
DMC-M 22-05 SN



TE Part # ZPF000000000114468  
DMC-M 22-07 BB



TE Part # ZPF000000000114470  
DMC-M 22-07 BD



TE Part # ZPF000000000114224  
DMC-M 22-07 SA



TE Part # ZPF000000000114225  
DMC-M 22-07 SB



TE Part # ZPF000000000114226  
DMC-M 22-07 SC



TE Part # ZPF000000000114227  
DMC-M 22-07 SD



TE Part # ZPF000000000114462  
DMC-M 22-10 BC



TE Part # ZPF000000000114460  
DMC-M 22-10 BN



TE Part # ZPF000000000114218  
DMC-M 22-10 SA



TE Part # ZPF000000000114220  
DMC-M 22-10 SB



TE Part # ZPF000000000114221  
DMC-M 22-10 SC



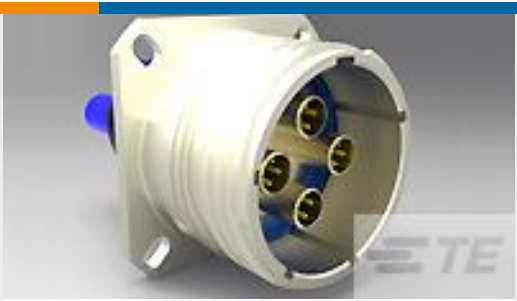
TE Part # ZPF000000000114223  
DMC-M 22-10 SD

Customers Also Bought



DMC-M 20-22 AN

Rectangular Contact Inserts, Insert for Contacts, Pin, 20 Pole Configuration, Crimp, Wire-to-Wire, 20 Position, Sealable, 26 - 22 AWG Wire Size



TE Part # 1811901-7  
Rectpt,N Key,Sz 19,Panel Mt



TE Part # ZPF000000000104657  
DMC-MD 24 A-K-T



TE Part # ZPF000000000099705  
DMC-M 99-01 BN



TE Part # ZPF000000000100794  
Rectangular Connector Plugs, Tool-less Assembly



TE Part # ZPF000000000146191  
DMC-MD 26 B-K-T



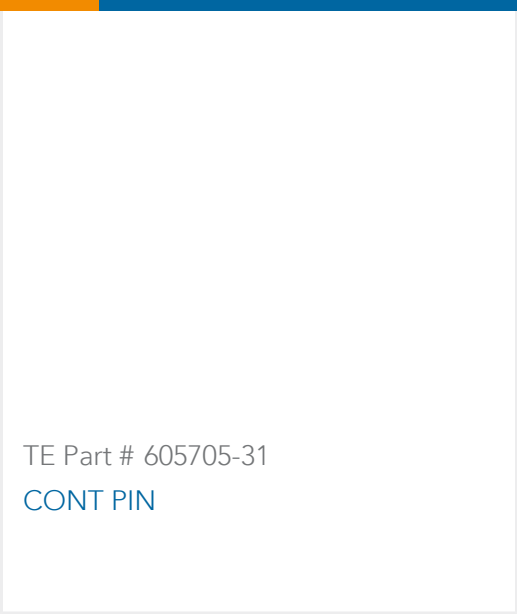
TE Part # ZPF00000000015226  
DMC-M 08-16 BN



TE Part # ZPF000000000147503  
DMC-M 99-03 AN



TE Part # ZPF000000000147508  
DMC-M 99-03 BN



TE Part # 605705-31  
CONT PIN

Documents

Product Drawings

DMC-M 20-22 AN

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_ZPF00000000015291\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_ZPF00000000015291\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_ZPF00000000015291\_1.3d\_stp.zip

English

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

Datasheets & Catalog Pages



DMC-M Series Single Module EN4165

English