



Connectors > Rectangular Connectors > Rectangular Contact Inserts > Rectangular Connector: PCB inserts, 22 Contact Size



Rectangular Connector Insert Type: **Contact Insert**
Contact Type: **Pin**
Pole Configuration: **20**
Connector System: **Wire-to-Board**
Number of Positions: **20**

[All Rectangular Connector: PCB inserts, 22 Contact Size \(12\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Rectangular Connector Insert Type | Contact Insert |
| Connector System | Wire-to-Board |
| Sealable | Yes |

Configuration Features

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

Body Features

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

Contact Features

| | |
|------------------------------|-----|
| Contact Type | Pin |
| Pole Configuration | 20 |
| Contact Current Rating (Max) | 5 A |

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

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



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 with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| 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) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (1.2% in alloy) Dodecamethylcyclohexasiloxane (D6) (1% in component) Decamethylcyclopentasiloxane (D5) (1% in component) Octamethylcyclotetrasiloxane (D4) (1% in component) Article Safe Usage Statements: 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 | 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 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 # ZPF000000000100796
[732-8260-22](#)

Customers Also Bought

TE Part #ZPF000000000010301
[9DMC-AB 40 P 02](#)



TE Part #2-1879338-9
[CPF 0603 52K3 1% 50PPM 1K RL](#)



TE Part #1241050-7
[2x7P MOD II BREAK AWAY HDR,SMD, BLISTER](#)



TE Part #ZPF000000000100308
[732-8255-99](#)




TE Part #2357787-3
[16G,05FH,plug,220P,5H,emboss, W/ CAP](#)



TE Part #4-794632-6
[16P MICRO MNL ASSY,VRT,HDR,LF](#)



TE Part #178303-3
[6-P POST HDR HORZ D-3100D .76](#)



TE Part #5053282035
[RNF-100-3/4-9-STK](#)



TE Part #DRC20-60P05
[HDR, 60P, BLK, ST, AU/NI/CU, 05](#)

TE Part #ZPF000000000014278
[DBC 54H 14-19 PN](#)

Documents

Product Drawings
[732-8255-22](#)
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_ZPF000000000110281_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000110281_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000110281_1.3d_stp.zip

English

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

Datasheets & Catalog Pages

DEUTSCH DMC-M Series Multicavity EN4165 Connectors

English

DMC-M Series Single Module EN4165

English