



Connectors > Rectangular Connectors > Rectangular Contact Inserts



Rectangular Connector Insert Type: **Insert for Contacts**

Contact Type: **Socket**

Pole Configuration: **12**

Termination Method to Wire & Cable: **Crimp**

Connector System: **Wire-to-Wire**

Features

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Body Features

Primary Product Material	Composite
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Housing Features

Centerline (Pitch)	3.38 mm[.13 in]
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Usage Conditions

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

Packaging Method	Package
Packaging Quantity	1

Product Type Features

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

Contact Features

Contact Type	Socket
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Pole Configuration	12
Termination Features	
Termination Method to Wire & Cable	Crimp
Configuration Features	
Number of Positions	12
Dimensions	
Wire Size	.25 – .5 mm <sup>2</sup>
Operation/Application	
Circuit Application	Power, Signal & High Speed Data
Other	
EU RoHS Compliance	Compliant

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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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

DMC-M 12-20 BAE

Insert for Contacts, Socket, 12, Crimp, Wire-to-Wire, 12 Position, Sealable, 24 – 20 AWG, .25 – .5 mm² Wire, Power, Signal & High Speed Data



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 # ZPF000000000015249  
DMC-M 12-20 AAE

Customers Also Bought

TE Part #DT04-2P  
REC, 2P, GRY, N

TE Part #DT06-2S  
PLG, 2P, GRY, NTE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DTTE Part #CAT-D48-ST273  
DEUTSCH Solid ContactsTE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSINGTE Part #281934-2  
SINGLE WIRE SEALTE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

DMC-M 12-20 BAE

English

Datasheets & Catalog Pages

DMC-M Series Single Module EN4165

English