



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

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

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 ²
-----------	--------------------------

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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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



Customers Also Bought



TE Part #ZPF000000000104657
Rectangular Connector Receptacles,
Tool-less Assembly



TE Part #ZPF000000000099713
DMC-MD 20 N



TE Part #ZPF000000000015226
DMC-M 08-16 BN



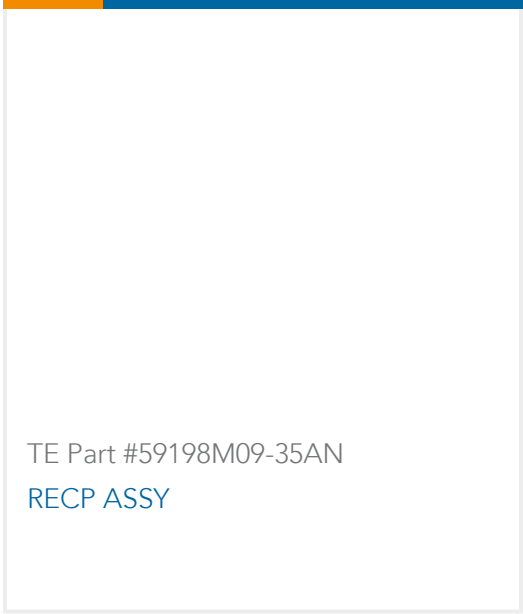
TE Part #ZPF000000000020142
FMJ 11E 20-01 G



TE Part #ZPF000000000020158
FMJ 11E 20-09 G



TE Part #1484399-2
INSERT ASSY,PIN,60 POS,A600



TE Part #59198M09-35AN
RECP ASSY



TE Part #ZPF000000000015890
DTP 07-8-3A-K

Documents

Product Drawings

[DMC-M 20-22 AN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_ZPF000000000015291_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ZPF000000000015291_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ZPF000000000015291_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