



Connectors > Rectangular Connectors > Rectangular Contact Inserts

Rectangular Connector Insert Type: **Socket**

Contact Type: **Socket**

Contact Insert Pole Configuration: **20**

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

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

## Features

### Product Type Features

Product Type	Insert
Rectangular Connector Insert Type	Socket
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	20
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### Body Features

Material	Thermoplastic
Module Material	Thermoplastic

### Contact Features

Contact Type	Socket
Contact Insert Pole Configuration	20
Contact Current Rating (Max)	5 A

### Termination Features

Termination Method to Wire & Cable	Solder
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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### Dimensions

Wire Size	.25 – .5 mm <sup>2</sup>
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### Usage Conditions



Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Method	Package
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Packaging Quantity	1
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not applicable for solder process capability
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#### 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>

### Documents

#### Product Drawings

[MTC100-YA2-009](#)

English

#### Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English



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**Product Specifications**

**MTC Connectors with Fixed Contacts**

English