



Connectors > Rectangular Connectors > Rectangular Contact Inserts



Rectangular Connector Insert Type: **Contact Insert**

Contact Type: **Socket**

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

Number of Positions: **20**

Sealable: **Yes**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	20
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### Body Features

Primary Product Material	High Grade Polyarylene Thermoplastic
Primary Product Color	Black

### Contact Features

Contact Type	Socket
Contact Current Rating (Max)	1.5 A

### Mechanical Attachment

Polarization Code	A
Connector Mounting Type	Panel Mount

### Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
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### Dimensions



Wire Size	.5 – .14 mm <sup>2</sup>
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**Usage Conditions**

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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**Operation/Application**

Compatible With Connector Shell Size	50.8 [2.0]
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**Packaging Features**

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	Not Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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: JAN 2024 (240) SVHC > Threshold: Pb (3.7% in Component Part) <b>Article Safe Usage Statements:</b> 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	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

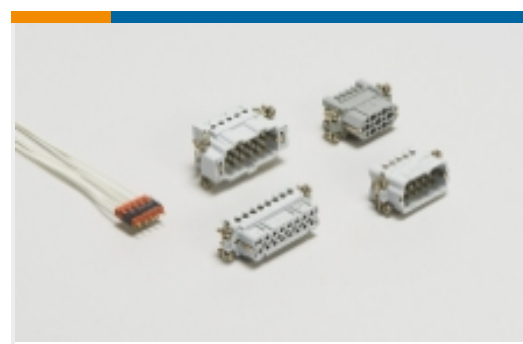
**Product Compliance Disclaimer**

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>

**Also in the Series | RAYCHEM MTC100**



Rectangular Connector Housings(7)

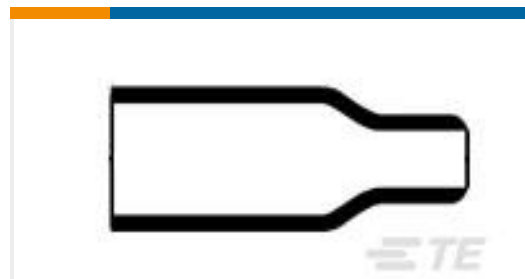


Rectangular Contact Inserts(33)

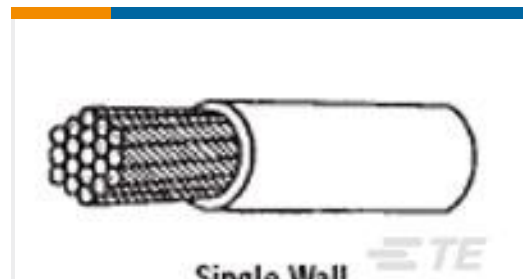


Standard Rectangular Connectors(19)

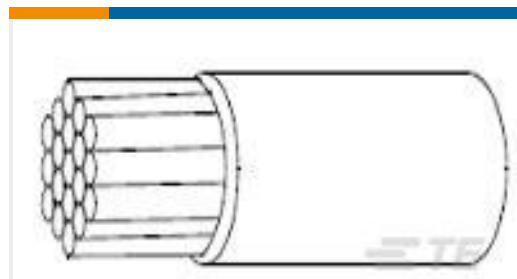
## Customers Also Bought



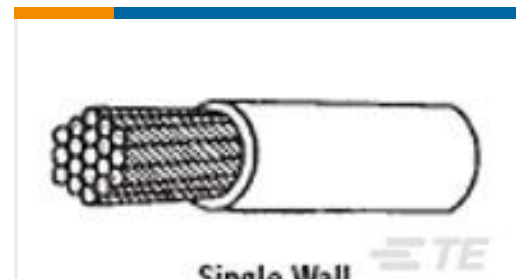
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TE Part #196939-000  
82A0111-28-6



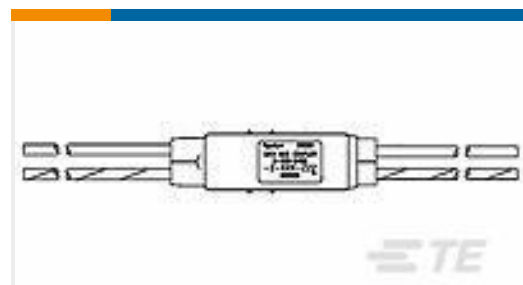
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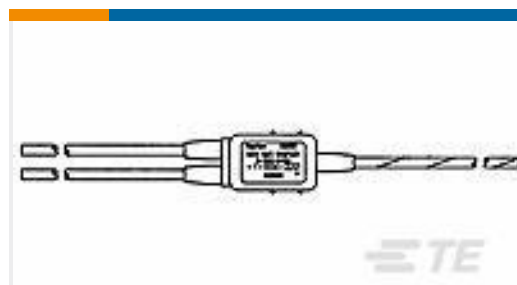
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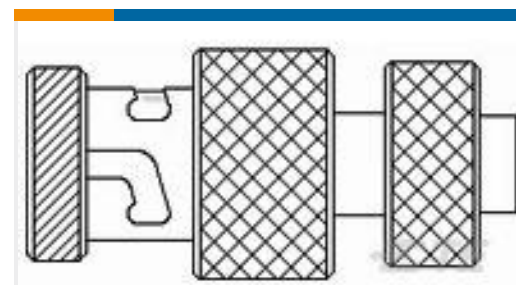
TE Part #571833-000  
562A054-25/86-0



TE Part #753399-000  
D-500-0455-2-612-012



TE Part #155474-000  
D-500-0456-1-612-236



TE Part #740425-000  
DK-621-0433R-1P

## Documents

### Product Drawings

[MTC100-JA2-S11](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_699792-000\\_C.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_699792-000\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_699792-000\\_C.3d\\_stp.zip](#)

English

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**Product Specifications**

**MTC Connectors with Fixed Contacts**

English