

# MTC100Q-SH2-P22 ✓ ACTIVE

[RAYCHEM](#) | [RAYCHEM MTC100](#)

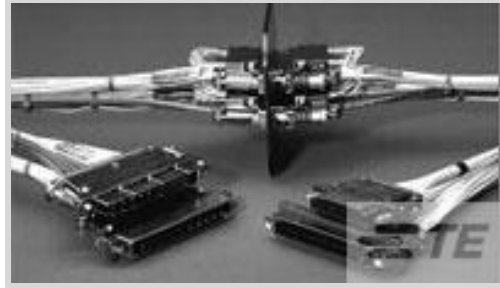
TE Internal #: 513319-000

Standard Rectangular Connectors, Housing Kit, Plug, Mating Alignment, Keyed Mating Alignment Type, Mating Retention, Vertical, Crimp, RAYCHEM MTC100

[View on TE.com >](#)



[Connectors](#) > [Rectangular Connectors](#) > [Standard Rectangular Connectors](#)



Connector Product Type: **Housing Kit**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Mating Retention: **With**

## Features

### Product Type Features

Shell Size	50.8 [2]
Boxmount	No
Connector Type	Connector Assembly Kit
Housing Type	EME Mount
Connector Product Type	Housing Kit
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

PCB Mount Orientation	Vertical
Panel Gasket	Without

### Electrical Characteristics

Operating Voltage	954 VDC
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### Body Features

Strain Relief Type	Cable Clamp
Shell Plating Material	Nickel

### Contact Features

Contact Retention Within Housing	With
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Contact Current Rating (Max)	5 A
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### Termination Features

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

Mating Hardware	Quick Disconnect
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Flange	Without
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Panel Mount Feature Type	Mounting Ears
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Mating Alignment	With
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Mating Alignment Type	Keyed
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Mating Retention	With
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Mating Retention Type	Jackscrew
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Connector Mounting Type	Panel Mount
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### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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### Usage Conditions

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

Option	With Cable Clamp and With Ears On Shell
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Shielded	Yes
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Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Package
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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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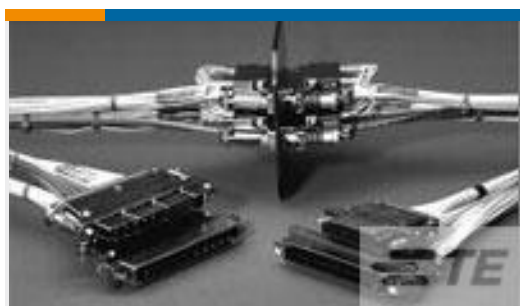


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

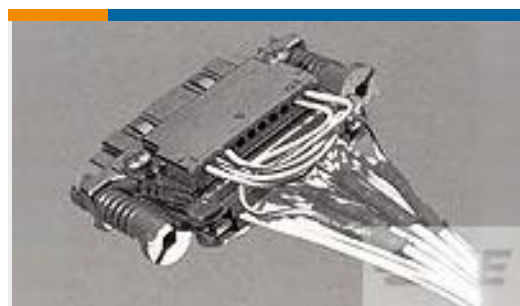
Product Compliance Disclaimer

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 # 809819-000  
MTC100Q-SH2-R22



TE Part # F94336-000  
CHA-0308

### Also in the Series | RAYCHEM MTC100



Heat Shrink Tubing(10)



Rectangular Connector Housings(8)



Rectangular Contact Inserts(34)



Standard Rectangular Connectors(33)

### Documents

[Product Drawings](#)  
[MTC100Q-SH2-P22](#)



English

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**CAD Files**

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_513319-000\\_S.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_513319-000\\_S.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_513319-000\\_S.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[Products for Aerospace and Defense](#)

English

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**Product Specifications**

[MTC Quick-Disconnect Connectors with Removable Contacts](#)

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