

MTC100Q-SH2-R22 ✓ ACTIVE

RAYCHEM | RAYCHEM MTC100

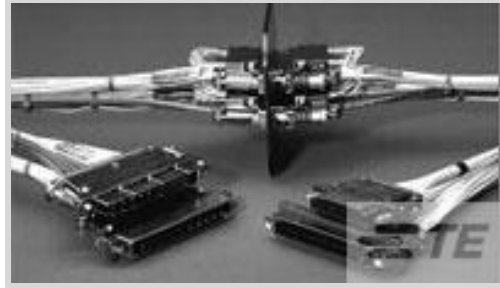
TE Internal #: 809819-000

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

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing Kit**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Mating Retention: **With**

Features

Product Type Features

Connector Shell Size	02
Connector Product Type	Housing Kit
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	22

Electrical Characteristics

Operating Voltage	1500 VAC
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Body Features

Strain Relief Type	Cable Clamp
Shell Plating Material	Nickel

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature Type	Mounting Ears
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	With
Mating Retention Type	Jackscrew
Connector Mounting Type	Panel Mount

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

Shielded	Yes
Circuit Application	Power & Signal

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>](#)

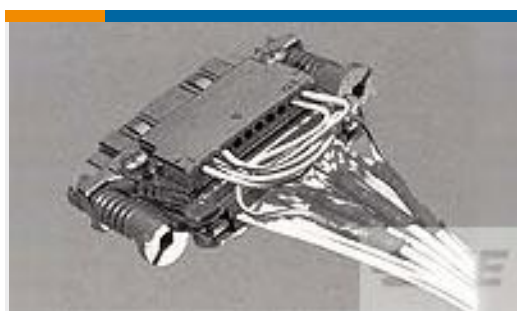
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

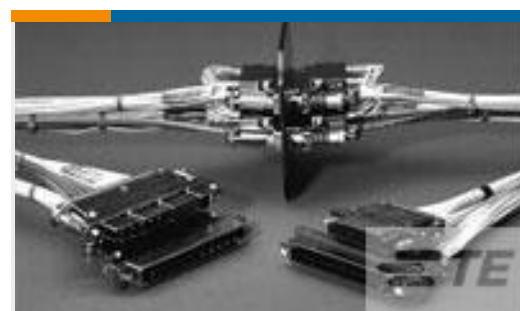


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # E92721-000
CHA-0306



TE Part # 513319-000
MTC100Q-SH2-P22

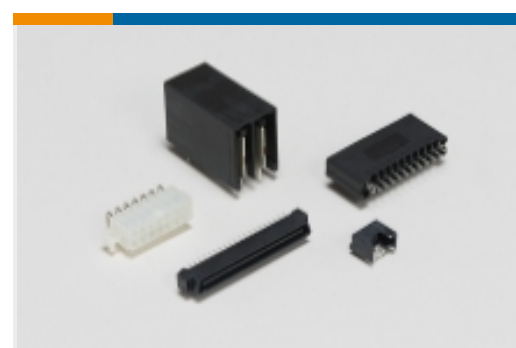
Also in the Series | RAYCHEM MTC100



Rectangular Connector Housings(7)



Rectangular Contact Inserts(33)



Standard Rectangular Connectors(19)

Customers Also Bought



TE Part #850957-000
MTCP-122-20PQ



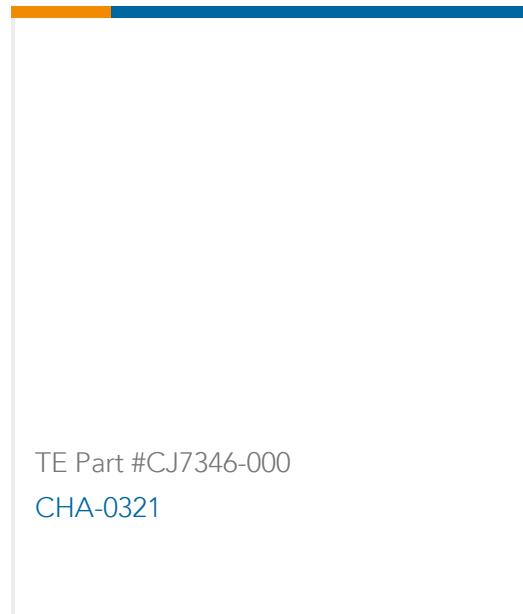
TE Part #ZPF000000000203390
787-8055-00



TE Part #758621-000
55A4121-22-9/96-9CS2275



TE Part #253627-000
MTCP-122-20S2



Documents

Product Drawings

[MTC100Q-SH2-R22](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_809819-000_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_809819-000_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_809819-000_K.3d_stp.zip](#)

English

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

Product Specifications

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

English