

MTC100-JH1-P22 ✓ ACTIVE

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

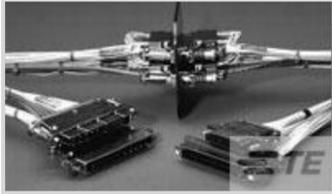
TE Internal #: 699693-000

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

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[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	25.4 [1]
Boxmount	No
Housing Type	Stacking Hole
Connector Product Type	Housing Kit
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Insertion Force Type	Normal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Panel Gasket	Without
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Electrical Characteristics

Operating Voltage	954 VDC
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Body Features

Strain Relief Type	Cable Clamp
Shell Plating Material	Nickel

Contact Features

Contact Type	Pin
Contact Retention Within Housing	With



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	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	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	No
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Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content

Not Yet Reviewed for halogen content

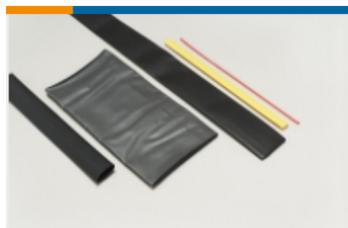
Solder Process Capability

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>

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

MTC100-JH1-P22

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_699693-000_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_699693-000_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_699693-000_T.3d_stp.zip

English

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



Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

Product Specifications

[MTC Connectors with Fixed Contacts](#)

English