

MTC100-BF2-P21

✓ ACTIVE

RAYCHEM | RAYCHEM MTC100

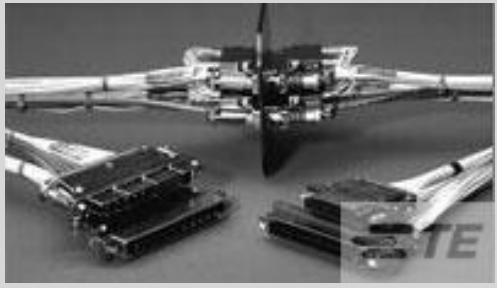
TE Internal #: D83509-000

PCB Mount Header, Vertical, Wire-to-Board, 40 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Sealable, Package, RAYCHEM MTC100

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **40**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	40
Number of Rows	2

Contact Features

Contact Underplating Material	Nickel
Contact Layout	Matrix
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Size	Size 22
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

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Termination Post & Tail Length	6.1 mm[.24 in]
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Mechanical Attachment

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

Housing Features

Housing Material	Aluminum Alloy
Centerline (Pitch)	2.54 mm[.1 in]

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	No
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Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

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) SVHC > Threshold: Cd (2.6% in Plating)



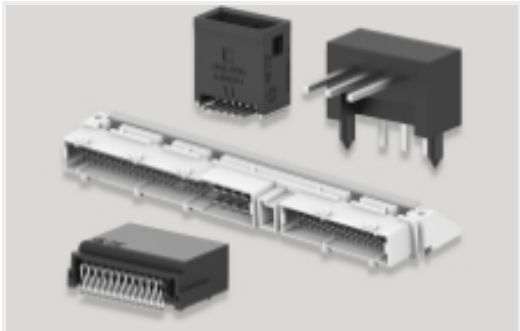
Article Safe Usage Statements:
Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C


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>

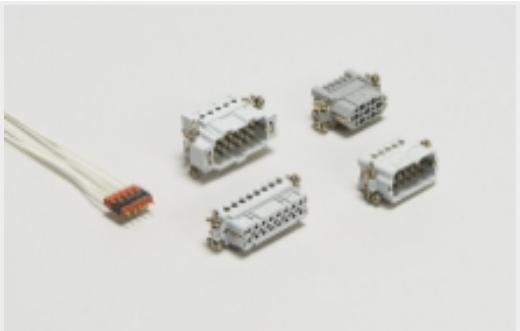
Also in the Series | RAYCHEM MTC100



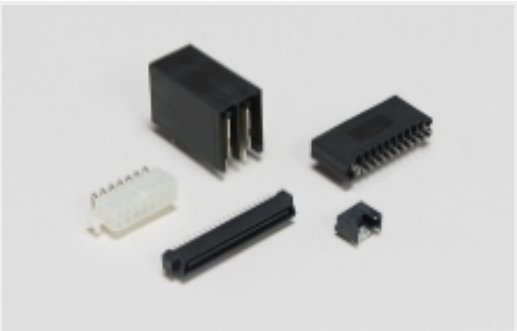
PCB Headers & Receptacles(6)



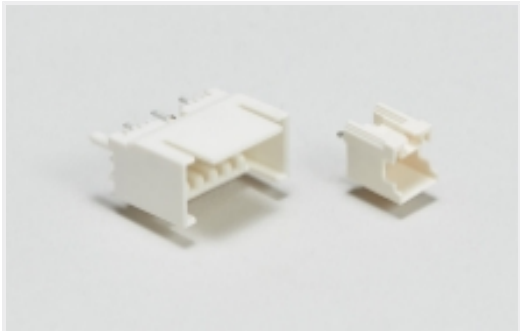
Rectangular Connector Housings(20)



Rectangular Contact Inserts(33)



Standard Rectangular Connectors(20)



Wire-to-Board Headers & Receptacles
(6)

Customers Also Bought

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TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-D487-W416
WedgeLocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_D83509-000_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_D83509-000_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_D83509-000_V.3d_stp.zip

English

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