

# MTC100-BF1-P33 ✓ ACTIVE

RAYCHEM | RAYCHEM MTC100

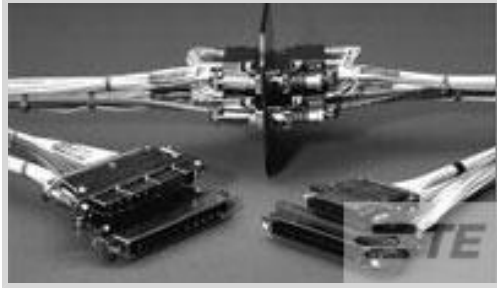
TE Internal #: 841127-000

PCB Mount Header, Right Angle, Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Sealable, Package, RAYCHEM MTC100

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **20**

Number of Rows: **2**

## Features

### Termination Features

Termination Post & Tail Length	6.1 mm[.24 in]
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### Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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### Operation/Application

Shielded	No
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### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### 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

### 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
Contact Type	Pin
Contact Current Rating (Max)	5 A

### Housing Features

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

### 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	Right Angle
Number of Positions	20
Number of Rows	2

### Usage Conditions

Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
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### Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Not Compliant

### 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 Compliant
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:

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

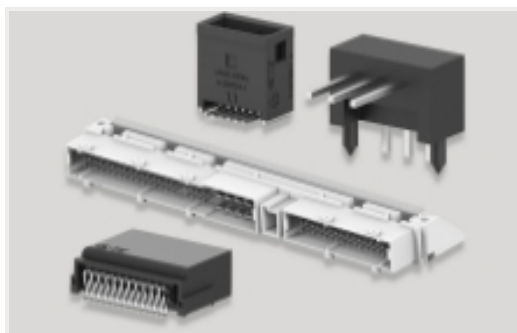
Solder Process Capability

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>

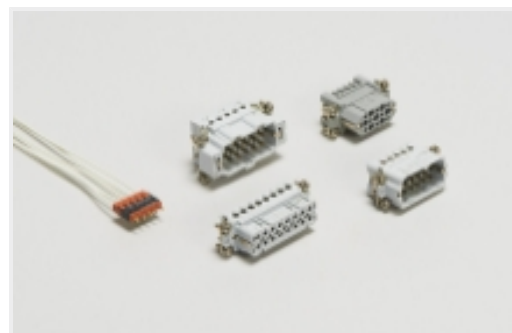
**Also in the Series | RAYCHEM MTC100**



PCB Headers & Receptacles(6)



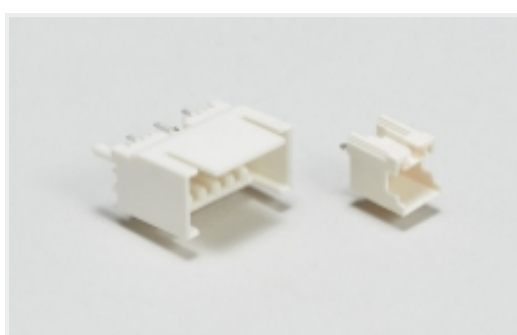
Rectangular Connector Housings(20)



Rectangular Contact Inserts(33)



Standard Rectangular Connectors(20)

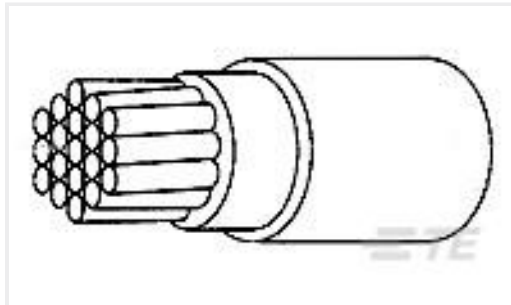


Wire-to-Board Headers & Receptacles (6)

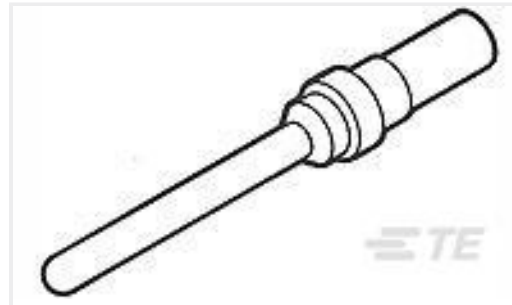
**Customers Also Bought**



TE Part #1757819-1  
[AMPLIMITE,ASY,PLUG,STD,109,ZN,1](#)



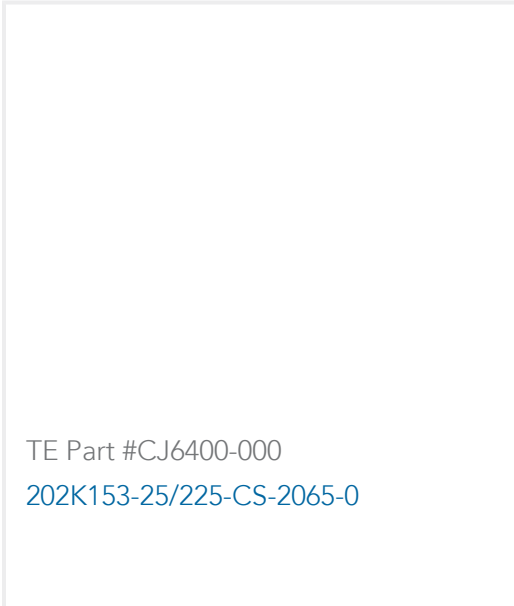
TE Part #0160793001  
[99M0111-22-2L](#)



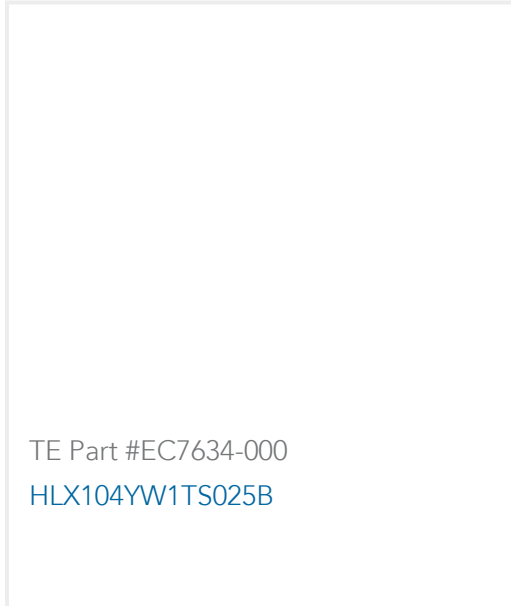
TE Part #205089-1  
[HD 20 PIN CONTACT](#)



TE Part #5748676-1  
[DIE CAST CBL CLMP KIT,SZ 1](#)



TE Part #CJ6400-000  
[202K153-25/225-CS-2065-0](#)



TE Part #EC7634-000  
[HLX104YW1TS025B](#)

## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_841127-000\\_V.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_841127-000\\_V.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_841127-000\\_V.3d\\_stp.zip](#)

English

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