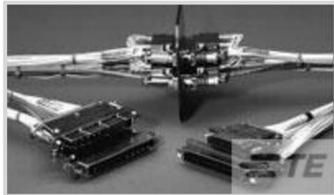




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Mating Retention: **With**

Features

Product Type Features

Shell Size	50.8 [2]
Boxmount	Yes
Housing Type	Stacking Hole
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Insertion Force Type	Normal
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Preloaded	Yes
PCB Mount Orientation	Right Angle
Number of Positions	40
Number of Rows	2
Panel Gasket	Without

Electrical Characteristics

Operating Voltage	954 VDC
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Body Features



Shell Plating Material	Nickel
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Contact Features

Multiple Contact Types	Without
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Contact Type	Pin
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Wire Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material	Gold
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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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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

Tail Length	6.1 mm
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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	90° Post
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Shielded	No
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Circuit Application	Power & Signal
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Industry Standards

Agency/Standard	UL
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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 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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

Heat Shrink Tubing(10)	Rectangular Connector Housings(8)	Rectangular Contact Inserts(34)	Standard Rectangular Connectors(33)

Documents

- [CAD Files](#)
- [3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_605415-000_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_605415-000_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_605415-000_V.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English

Product Specifications

[MTC Connectors with Fixed Contacts](#)

English