

MTCPQKT1P2PGBB ✓ ACTIVE

RAYCHEM

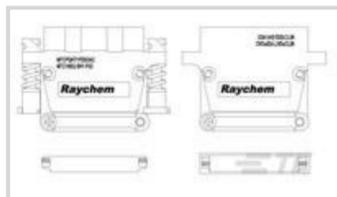
TE Internal #: D96650-000

Standard Rectangular Connectors, Housing Kit, Plug, Mating Alignment, Keyed Mating Alignment Type, Mating Retention, Vertical, Crimp, Wire-to-Wire

[View on TE.com >](#)



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 [1.0]
Boxmount	No
Connector Type	Connector Assembly Kit
Housing Type	EME Mount
Connector Product Type	Housing Kit
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Keying	BB
PCB Mount Orientation	Vertical
Number of Positions	20
Number of Rows	2
Panel Gasket	Without

Electrical Characteristics

Operating Voltage	954 VDC
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Body Features



Strain Relief Type	Cable Clamp
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Shell Plating Material	Cadmium
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Contact Features

Contact Type	Pin
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Wire Contact Termination Area Plating Material	Gold
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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	Jackscrew
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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

	.099 in
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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

Option	With Cable Clamp and With Ears On Shell
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Shielded	Yes
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Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

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 2022 (224)
Candidate List Declared Against: JUNE 2022 (224)
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 # F51229-000
[MTCPOKT1R2SGBB](#)

Documents

Product Drawings

[MTCPOKT1P2PGBB](#)

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_D96650-000_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_D96650-000_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_D96650-000_R.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 Quick-Disconnect Connectors with Removable Contacts

English