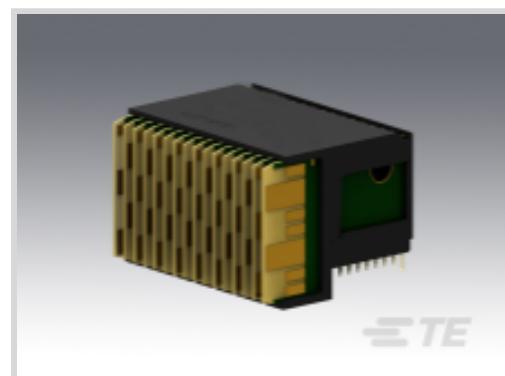


**1410187-1**  ACTIVE**MULTIGIG RT | MULTIGIG RT 2**

TE Internal #: 1410187-1

112 Position High Speed Backplane Connector, 7 Row, 16 Column,  
PCB Mount Header, Right Angle, Fully Shrouded, MULTIGIG RT 2[View on TE.com >](#)

Connectors &gt; PCB Connectors &gt; Backplane Connectors &gt; High Speed Backplane Connectors

Number of Positions: **112**Row-to-Row Spacing: **1.35 mm [.053 in]**Mating Alignment: **With**Mating Alignment Type: **Polarization**Number of Rows: **7**

## Features

### Housing Features

Number of Shrouded Sides	2
Centerline (Pitch)	1.8 mm[.071 in]

### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Compatible with PCB Type	Daughtercard
Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Header
Shroud Style	Fully Shrouded

### Configuration Features

Backplane Architecture	Traditional Backplane
Card Slot Centerline	20.3 mm[.8 in]
Number of Positions	112
Number of Rows	7
Number of Columns	16
PCB Mount Orientation	Right Angle
Guide Location	Center

### Contact Features

Contact Current Rating (Max)	1 A
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### Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount

### Dimensions

Row-to-Row Spacing	1.35 mm[.053 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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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](http://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) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

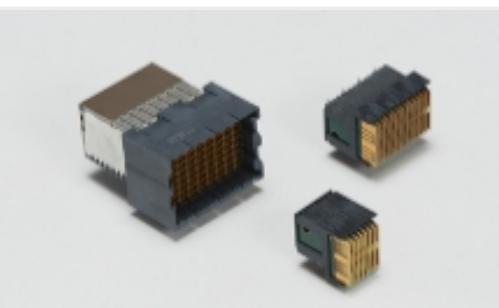


TE Part # 2000676-1  
Keyed Guide Pin, Machined, Vita 46



TE Part # 2000713-1  
RA Keyed Guide Mod, Vita 46,  
Machined

## Also in the Series | MULTIGIG RT 2



High Speed Backplane Connectors(40)

## Customers Also Bought



TE Part #2170704-2  
CAGE ASSY, QSFP28 1X1, SPRING, HS



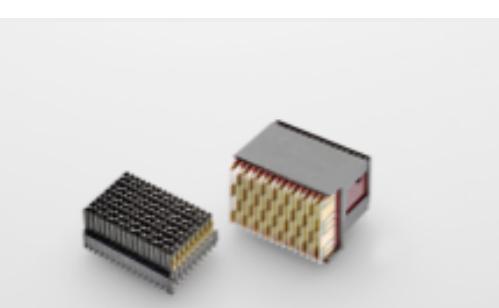
TE Part #1-1469491-2  
MULTIGIG RT GUIDEPIN, 9MM 2.60



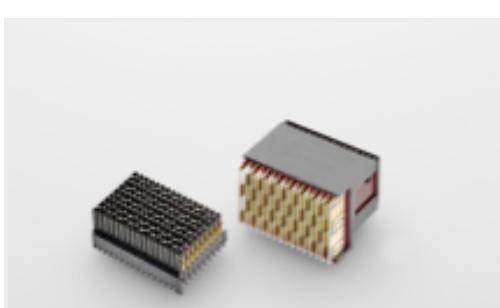
TE Part #1-1825096-0  
TPA11FGRA004



TE Part #2302789-1  
VERTRECASSY,CENTER,MULTIGIG  
RT3



TE Part #2302790-1  
VERTRECASSY,RIGHTEND,MULTIGIG  
RT3



TE Part #2332817-1  
Vert RCPT Left End Half Multigig RT 3



TE Part #9-2176307-6  
RP 1E 0.1W 121K 0.1% 25PPM 5K RL



TE Part #1-2176307-9  
RP 1E 0.1W 19K1 0.1% 25PPM 5K RL



## Documents

### Product Drawings

#### MULTIGIG RT T2 7RW DC DF CT

English

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### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1410187-1\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1410187-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1410187-1\\_E.3d\\_stp.zip](#)

English

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

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### Product Specifications

#### Electrical Performance Report

English

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English