

2102773-1  ACTIVE

MULTIGIG RT | MULTIGIG RT 2-R

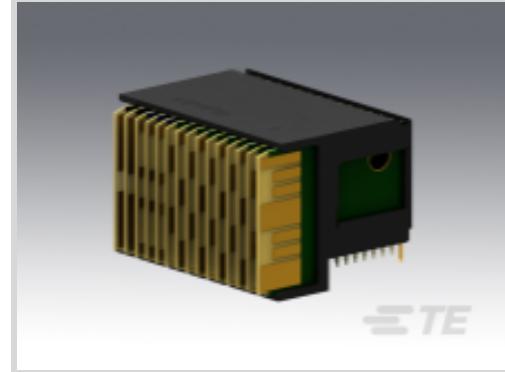
TE Internal #: 2102773-1

112 Position High Speed Backplane Connector, 7 Row, 16 Column,  
PCB Mount Header, Right Angle, Fully Shrouded, MULTIGIG RT 2-R

[View on TE.com >](#)



Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors



Number of Positions: **112**

Row-to-Row Spacing: **1.35 mm [.053 in]**

Mating Alignment: **With**

Number of Rows: **7**

Number of Columns: **16**

## Features

### Housing Features

Number of Shrouded Sides	2
Centerline (Pitch)	1.9 mm[.075 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
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)	1.5 A
------------------------------	-------

### Mechanical Attachment

Mating Alignment

With

Connector Mounting Type

Board Mount

**Dimensions**

Row-to-Row Spacing

1.35 mm[.053 in]

**Usage Conditions**

Operating Temperature Range

-55 – 125 °C[-67 – 257 °F]

**Operation/Application**

Circuit Application

Power &amp; Signal

**Other**

EU RoHS Compliance

Not Compliant

EU ELV Compliance

Compliant with Exemptions

**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

Compliant with Exemptions

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: JUNE 2024 (241)

SVHC > Threshold:  
Pb (13% in Component Part)**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

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

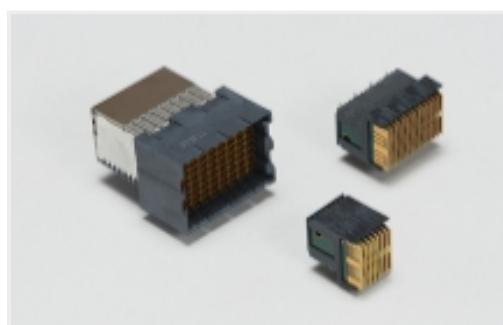


TE Part # 2000713-1  
RA Keyed Guide Mod, Vita 46,  
Machined

## Also in the Series | **MULTIGIG RT 2-R**

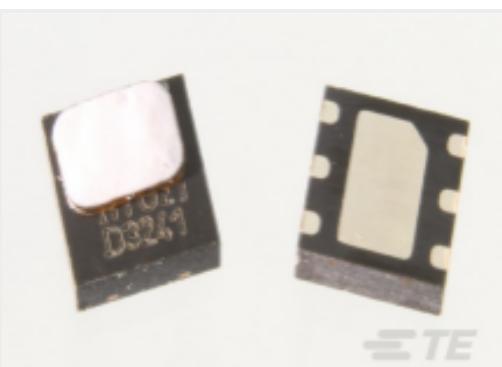


Connector Hardware(18)



High Speed Backplane Connectors(27)

## Customers Also Bought



TE Part #HPP845E131R5  
HTU21DF RH/T SENSOR IC B5000



TE Part #2000713-6  
RA Keyed Guide Mod, Vita 46,  
Machined



TE Part #2102771-1  
DC, 7Row, Center, MULTIGIG RT 2R



TE Part #1410946-1  
MULTI-GIG SOC. CAP SCREW,  
CUSTOMIZED HDW



TE Part #1410142-1  
MULTIGIG RT T2.8" BP FULL RGH



TE Part #1410140-1  
MULTIGIG RT T2.8" BP FULL CNT



TE Part #ADP-SMAF-NF-B-W  
SMA Jack to N Jack



TE Part #5-2176093-5  
RP 2A 0.25W 35K7 0.1% 25PPM 1K RL



TE Part #2102772-1  
DC, 7Row, Half Left End, MULTIGIG  
RT 2R

TE Part #374000-E  
STVR 96 MI ABC VVV 4-00 GA06 4,0 \*  
247 E

## Documents

### Product Drawings

#### DC, 7Row, Center, RTM, MULTIGIG RT 2R

English

---

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2102773-1\\_C\\_c-2102773-1-c.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2102773-1\\_C\\_c-2102773-1-c.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2102773-1\\_C\\_c-2102773-1-c.3d\\_stp.zip](#)

English

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

---

### Datasheets & Catalog Pages

#### MULTIGIG RT 2-R Ruggedized Connectors

English

---

### Product Specifications

#### Product Specification

English

---

### Instruction Sheets

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

English