

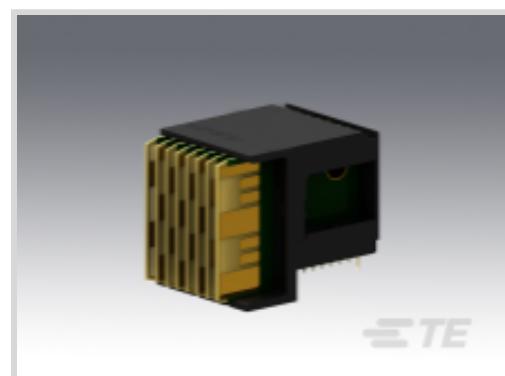
**1410971-3**  ACTIVE**MULTIGIG RT | MULTIGIG RT 2**

TE Internal #: 1410971-3

High Speed Backplane Connectors, 56 Position, Mating Alignment, Polarization Mating Alignment Type, 7 Row, 8 Column, PCB Mount Header, MULTIGIG RT 2

[View on TE.com >](#)

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

Number of Positions: **56**Row-to-Row Spacing: **1.35 mm [.053 in]**Mating Alignment: **With**Mating Alignment Type: **Polarization**Number of Rows: **7**

## Features

### Product Type Features

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

### Configuration Features

Card Slot Centerline	20.3 mm[.8 in]
Backplane Architecture	Traditional Backplane
Number of Positions	56
Number of Rows	7
Number of Columns	8
PCB Mount Orientation	Right Angle
Guide Location	Left

### Contact Features

Contact Current Rating (Max)	1 A
------------------------------	-----

### Mechanical Attachment

Mating Alignment	With
------------------	------

Mating Alignment Type

Polarization

Connector Mounting Type

Board Mount

**Housing Features**

Number of Shrouded Sides

2

Centerline (Pitch)

1.8 mm[.071 in]

**Dimensions**

Row-to-Row Spacing

1.35 mm[.053 in]

**Usage Conditions**

Operating Temperature Range

-55 - 105 °C[-67 - 221 °F]

**Operation/Application**

Circuit Application

Power &amp; Signal

**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: JAN 2024

(240)

Candidate List Declared Against: JAN 2024  
(240)

SVHC &gt; Threshold:

Pb (13% in COMPONENT)

**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

BFR/CFR/PVC Free, but Br/Cl &gt;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

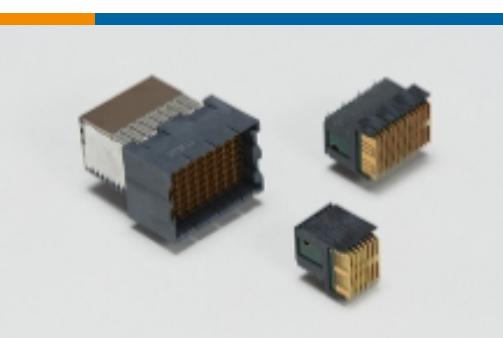


TE Part # 2000676-1  
Keyed Guide Pin, Machined, Vita 46



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

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

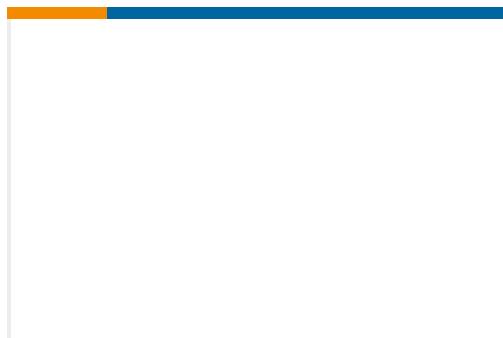


High Speed Backplane Connectors(40)

## Customers Also Bought



TE Part # 1410189-3  
MULTIGIG RT T2 7RW H-LFT,ET2



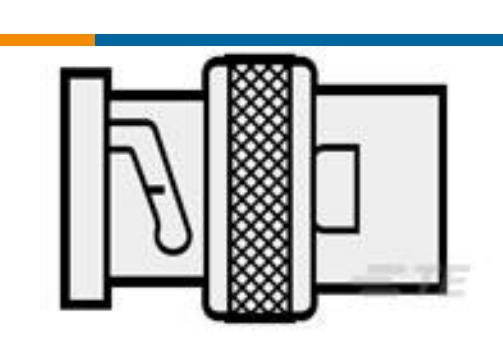
TE Part # 1410975-3  
MULTIGIG RT2 7RW DC RTM CT



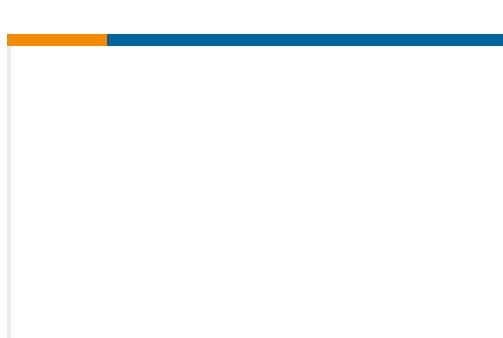
TE Part # 1-1469492-9  
MULTIGIG RT 9MM GUIDE/ESD UNKE



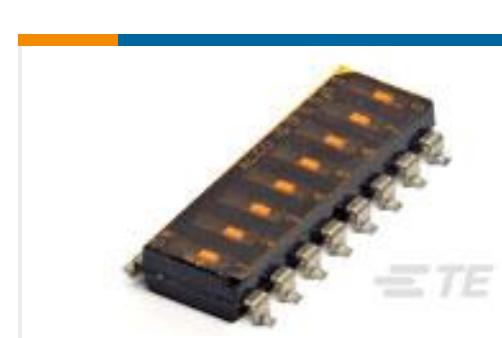
TE Part # 1551892-1  
Cage Assy Behind Bezel QSFP28



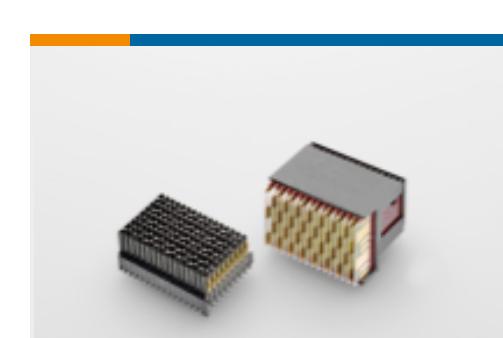
TE Part # 918455-000  
RBD-75-S-00



TE Part # 1410975-4  
MULTIGIG RT2 7RW DC RTM CT



TE Part # 1825006-5  
GDS0404=DIP SW,SLIDE,THRU/HL



TE Part # 2302785-2  
RA PLUG ASSY,7ROW,CENTER,VPX,  
MG RT3



## Documents

### Product Drawings

#### MULTIGIG RT T2 7RW H-LFT RTM

English

---

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1410971-3\\_A.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1410971-3\\_A.3d\\_jgs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1410971-3\\_A.3d\\_stp.zip](#)

English

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

---

### Datasheets & Catalog Pages

#### High Speed Backplane Connectors catalog - MULTIGIG RT Connector

English

---

### Product Specifications

#### Product Specification

English

---

### Instruction Sheets

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

English