

2102849-1 ✓ ACTIVE

MULTIGIG RT | MULTIGIG RT 2-R

TE Internal #: 2102849-1

High Speed Backplane Connectors, Board-to-Board, 112 Position,
Mating Alignment, 7 Row, 16 Column, PCB Mount Header,
MULTIGIG RT 2-R

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Connectors > PCB Connectors > Backplane Connectors > High Speed Connectors



Connector System: **Board-to-Board**

Number of Positions: **112**

Row-to-Row Spacing: **1.8 mm [.071 in]**

Mating Alignment: **With**

Number of Rows: **7**

Features

Product Type Features

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

Configuration Features

Number of Positions	112
Number of Rows	7
Number of Columns	16
Backplane Architecture	Traditional Backplane
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
Connector Mounting Type	Board Mount



Housing Features

Number of Shrouded Sides	2
Centerline (Pitch)	1.9 mm[.075 in]

Dimensions

Row-to-Row Spacing	1.8 mm[.071 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Product Compliance

[For compliance documentation, visit the product page on 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 2022 (224) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

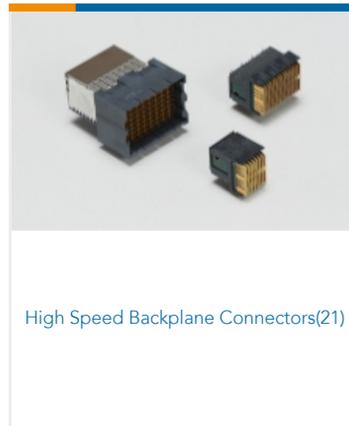
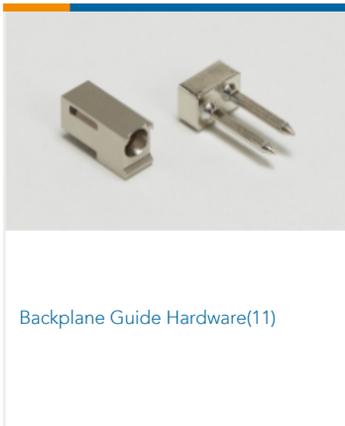
Product Compliance Disclaimer

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



Also in the Series | MULTIGIG RT 2-R



Documents

Product Drawings

[DC, 7Row, Center, RTM, MULTIGIG RT 2R](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2102849-1_C_c-2102849-1-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102849-1_C_c-2102849-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102849-1_C_c-2102849-1-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

[MULTIGIG RT 3 and RT 2-S Connectors](#)

English

Product Specifications



Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English