

1410187-1 ✓ ACTIVE

MULTIGIG RT | MULTIGIG RT 2

TE Internal #: 1410187-1

High Speed Backplane Connectors, 112 Position, Mating Alignment, Polarization Mating Alignment Type, 7 Row, 16 Column, PCB Mount Header, MULTIGIG RT 2

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



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

Number of Positions: **112**

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

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

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

Card Slot Centerline	20.3 mm[.8 in]
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 A
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Mechanical Attachment

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

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

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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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

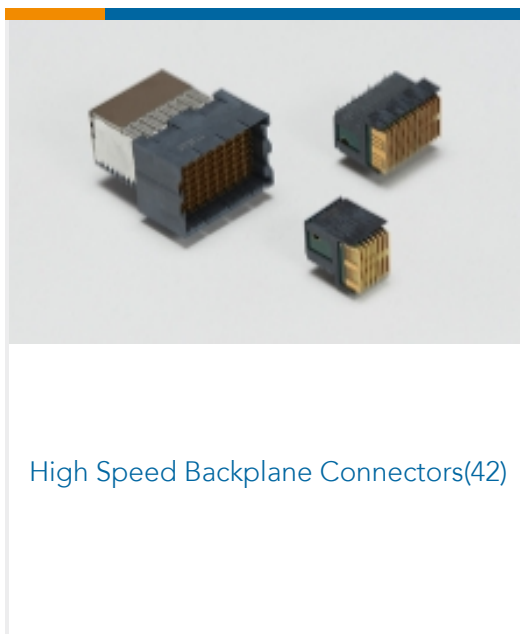


TE Part # 2000676-1
Keyed Guide Pin, Machined, Vita 46



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

Also in the Series | MULTIGIG RT 2



High Speed Backplane Connectors(42)

Customers Also Bought



TE Part #5179031-1
0.8FH,P08H.5,040,08/Sn,TU



TE Part #5177984-3
0.8FH,P05H.5,080,08/Sn,TU



TE Part #5226978-1
RTANG JK W/FLANGES, BNC PCB



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



TE Part #1-1469492-1
MULTIGIG RT 9MM GUIDE/ESD 0 DEG



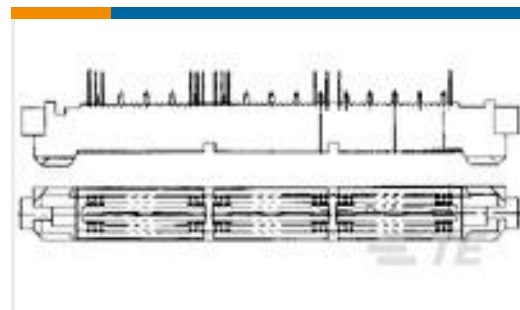
TE Part #1410189-3
MULTIGIG RT T2 7RW H-LFT,ET2



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



TE Part #1410187-3
MULTIGIG RT T2 7RW DC DF CT

TE Part #024278-000
D-181-3222-90/9TE Part #767006-6
MICT,R/APLUG,228,ASY,.025,.062

Documents

Product Drawings

[MULTIGIG RT T2 7RW DC DF CT](#)

English

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.

Datasheets & Catalog Pages

[Board-Level Interconnects for Rugged Embedded Computing Brochure](#)

English

Product Specifications

[Electrical Performance Report](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English