1410970-3 ✓ ACTIVE

MULTIGIG RT | MULTIGIG RT 2
TE Internal #: 1410970-3

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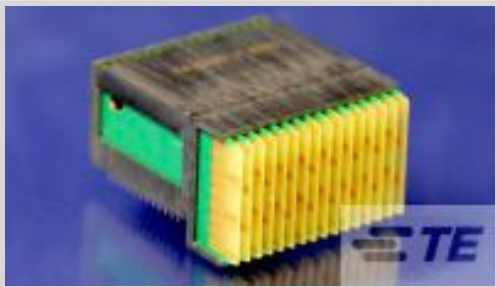
View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > 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

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Compatible with PCB Type	Daughtercard
Connector System	Board-to-Board
PCB Connector 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

Mechanical Attachment

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

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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 & Signal

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	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 2025 (247) Candidate List Declared Against: JAN 2020 (205) 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	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

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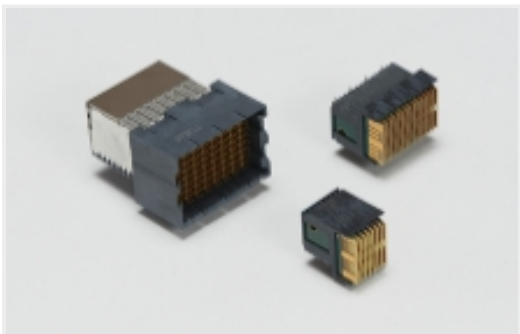
TE connectivity

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(39)

Customers Also Bought

TE Part #2274215-1
MINISAS HD 1X1 REC ASSY

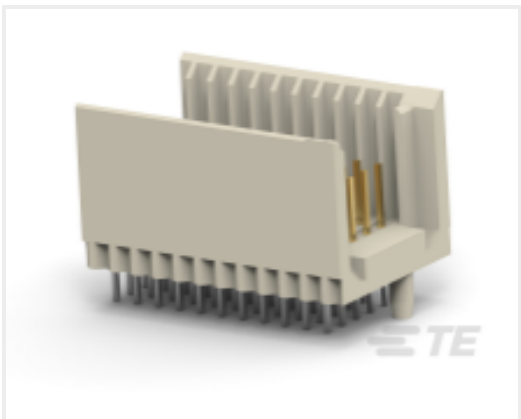TE Part #9-1879215-1
CPF 0402 40K2 0.1% 25PPM 1K RL

TE Part #DTP13-4P
HDR, 4P, BLK, RA, SN/NI/CU

TE Part #1445022-7
MICRO MNL RFECEPT HSG SINGLE R

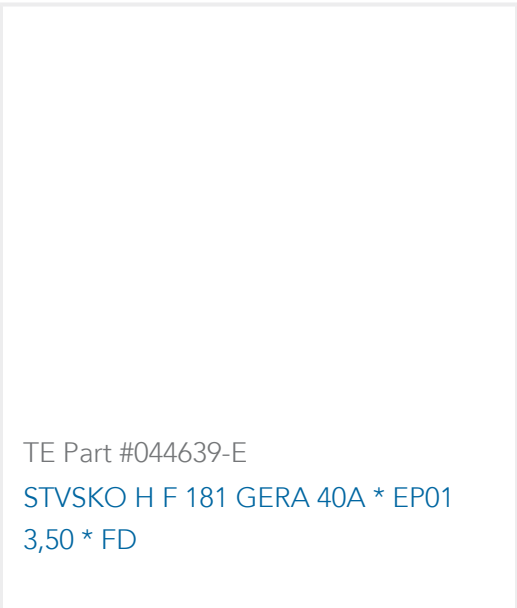TE Part #3-2176345-7
CRGCQ 1210 10K 1%

TE Part #CAT-472-Z12
Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm

TE Part #5-2176371-4
RQ 0603 16K5 0.1% 10PPM 5K RL

TE Part #2176368-1
RQ 0603 49K9 0.1% 10PPM 1K RL

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TE Part #044639-E
STVSKO H F 181 GERA 40A * EP01 3,50 * FD

Documents

Product Drawings

MULTIGIG RT T2 7RW RTM MIXED DC

English

CAD Files

Customer View Model

ENG_CVM_1410970-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_1410970-3_B.3d_stp.zip

English

Customer View Model

ENG_CVM_1410970-3_B.2d_dxf.zip

English

3D PDF

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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English