



Connectors > PCB Connectors > Backplane Connectors > Backplane Guide Hardware



Backplane Guide Hardware Type: **Guide Pin**

Backplane Guide Location: **Backplane**

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

Sealable: **No**

Circuit Application: **Power & Signal**

Features

Product Type Features

Backplane Guide Hardware Type	Guide Pin
Connector System	Board-to-Board
Sealable	No

Configuration Features

PCB Mount Orientation	Vertical
Backplane Guide Location	Backplane

Body Features

Guide Pin Type	External Thread
Guide Component Plating Material Finish Process	Passivated
Guide Component Base Material	Stainless Steel

Termination Features

Compatible With Backplane Interface Type	MULTI GIG RT2J
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Mechanical Attachment

Mating Alignment Type	Guide Hole
Mating Alignment	With
Guide Hardware	With
Screw & Hole Thread Size	10-32 UNF
Connector Mounting Type	Board Mount

Dimensions

Guide Length	24 mm[.944 in]
Product Length	35.45 mm[1.395 in]

Usage Conditions

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

Compatible With Backplane Product Type	Guide Module
Circuit Application	Power & Signal

Industry Standards

VITA Standard	VITA 46
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



Backplane Guide Hardware(11)



High Speed Backplane Connectors(21)

Documents

Product Drawings

[Keyed Guide Pin, Machined, Vita 46](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2000676-3_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2000676-3_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2000676-3_P.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOSA Aligned Interconnect Solutions](#)



English

MULTIGIG RT 2-R Ruggedized Connectors

English

Instruction Sheets

Instruction Sheet (U.S.)

English