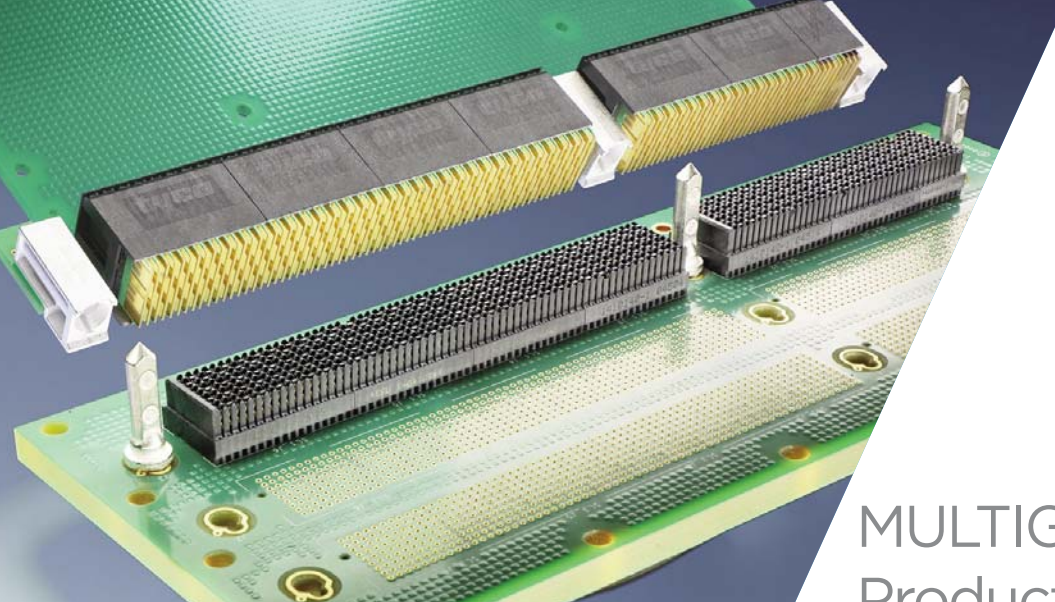




MULTIGIG RT Connector Products for VITA 46 (VPX) Standard

DESCRIPTION

Tyco Electronics' MULTIGIG RT product is a backplane interconnect family that offers levels of flexibility and customization. This printed circuit based, pinless, interconnect family is comprised of modular components, which can be used in a variety of combinations.

APPLICATIONS

- Military
- Aerospace and Defense
- Mass data storage
- High-end and mid-range servers
- Telecommunications equipment

KEY FEATURES

- 10 Gbps performance
- Differential, Single-ended and Power

- Customizable impedance matched printed circuit wafer interface
- Backplane connector system with "pinless" interface
- Superior crosstalk performance
- Optimized footprints for signal integrity and ease of board design
- Utilizes a 0.56 [.022] diameter via for backplane connector for lower cost board fabrication
- Three levels of signal contact sequencing
- Modular connector system
- Available for 20.30 [.800] or 25.40 [1.00] card pitch systems
- Complete connector family includes...
 - Power Modules
 - Guidance Modules
 - Cable Assemblies planned

TECHNICAL DOCUMENTS

Product Specification: 108-2072

Application Specification: 114-13056

FOR MORE INFORMATION

Technical Support

Internet: <http://www.tycoelectronics.com>

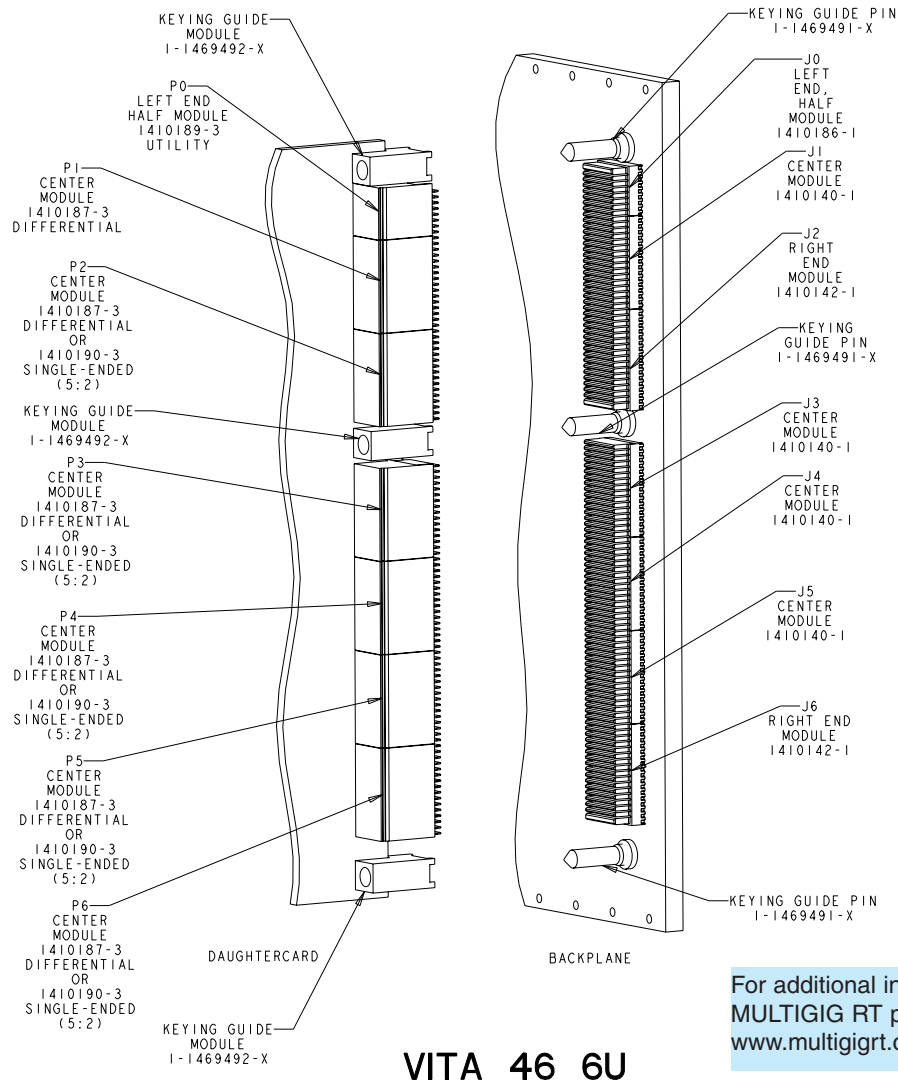
USA: 1-800-522-6752

Canada: 1-905-470-4425

UK: 44-1908-574289

Japan: 81-44-844-8013

PRODUCT OFFERING



VITA 46 6U

For additional information on the complete MULTIGIG RT product family, visit www.multigigrt.com.

Connectors and Guide Hardware Meeting VITA 46 (VPX) Standard

	Location	Used On	Part Number	Description
Backplane	J0	3U & 6U	1410186-1	RT-2, BP, Left End, 8 Columns
	J1	3U & 6U	1410140-1	RT-2, BP, Center, 16 Columns
	J2	3U & 6U	1410142-1	RT-2, BP, Right End, 16 Columns
	J3	6U only	1410140-1	RT-2, BP, Center, 16 Columns
	J4	6U only	1410140-1	RT-2, BP, Center, 16 Columns
	J5	6U only	1410140-1	RT-2, BP, Center, 16 Columns
	J6 (or J5 or J4)*	6U only	1410142-1	Rt-2, BP, Right End, 16 Columns
Daughtercard	P0	3& & 6U	1410189-1	RT-2, 7 Row, DC, Left End, 8 Column, Mixed S-E, Diff, Power
	P1	3U & 6U	1410187-3	RT-2, 7 Row, DC, Center, 16 Columns, Diff
	P2	3U & 6U	1410187-3	RT-2, 7 Row, DC, Center, 16 Columns, Diff (or 1410190-3 S-E)
	P3	6U only	1410187-3	RT-2, 7 Row, DC, Center, 16 Columns, Diff (or 1410190-3 S-E)
	P4	6U only	1410187-3	RT-2, 7 Row, DC, Center, 16 Columns, Diff (or 1410190-3 S-E)
	P5	6U only	1410187-3	RT-2, 7 Row, DC, Center, 16 Columns, Diff (or 1410190-3 S-E)
	P6	6U only	1410187-3	RT-2, 7 Row, DC, Center, 16 Columns, Diff (or 1410190-3 S-E)
Guidance				
Backplane	N/A	3U & 6U	1-1469491-x**	Guide Pine, BP, for 9mm wide module
Daughtercard	N/A	3U & 6u	1-1469492-x**	Guide Module, DC, 9mm wide
	N/A	3U & 6U	1410946-1	Screw, Low Profile with Nylox, for Guide Modules

* Connector J5 and J4 will use connector J6 when the physical position of J6 or possibly J6 and J5 and P6 and P5 is either not being used, or a connector other than a MULTIGIG RT connector is in this position, such as a fiber optic connector.

**See product drawing for dash number options.

Note: All part numbers are RoHS compliant.

Restriction on the use of Hazardous Substances (RoHS)

At Tyco Electronics, we're ready to support your RoHS requirements. We've assessed more than 1.5 million end items/components for RoHS compliance, and issued new part numbers where any change was required to eliminate the restricted materials. Part numbers in this catalog are identified as:

RoHS Compliant — Part numbers in this catalog are RoHS Compliant, unless marked otherwise. These products comply with European Union Directive 2002/95/EC as amended 1 January 2006 that restricts the use of lead, mercury, cadmium, hexavalent chromium, PBB, and PBDE in certain electrical and electronic products sold into the EU as of 1 July 2006.

NOTE: For purposes of this Catalog, included within the definition of RoHS Compliant are products that are clearly "Out of Scope" of the RoHS Directive such as hand tools and other non-electrical accessories.

NOTE: Information regarding RoHS compliance is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information provided by our suppliers. This information is subject to change. For latest compliance status, refer to our website referenced at right.

Getting the Information You Need

Our comprehensive on-line RoHS Customer Support Center provides a forum to answer your questions and support your RoHS needs. A RoHS FAQ (Frequently Asked Questions) is available with links to more detailed information. You can also submit RoHS questions and receive a response within 24 hours during a normal work week.

The Support Center also provides:

- Cross-Reference from Non-compliant to Compliant Products
- Ability to browse RoHS Compliant Products in our on-line catalog
- Downloadable Technical Data Customer Information Presentation
- More detailed information regarding the definitions used above
- So whatever your questions when it comes to RoHS, we've got the answers at www.tycoelectronics.com/leadfree



Disclaimer

While Tyco Electronics Corporation and its affiliates referenced herein ("Tyco Electronics") have made every reasonable effort to ensure the accuracy of the information in this catalog, Tyco Electronics does not guarantee that it is error free, nor does Tyco Electronics make any other representation, warranty or guarantee that the information is accurate, correct reliable or current.

Tyco Electronics reserves the right to make any adjustments to the information contained herein at any time without notice. Tyco Electronics expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. Tyco Electronics' only obligations are those in the Tyco Electronics Standard Terms and Conditions of Sale, and in no case will Tyco Electronics be responsible for any incidental, indirect, or consequential damages arising from the sale, resale, or misuse of its products. Users should independently evaluate the suitability of, and test each product for, their application.