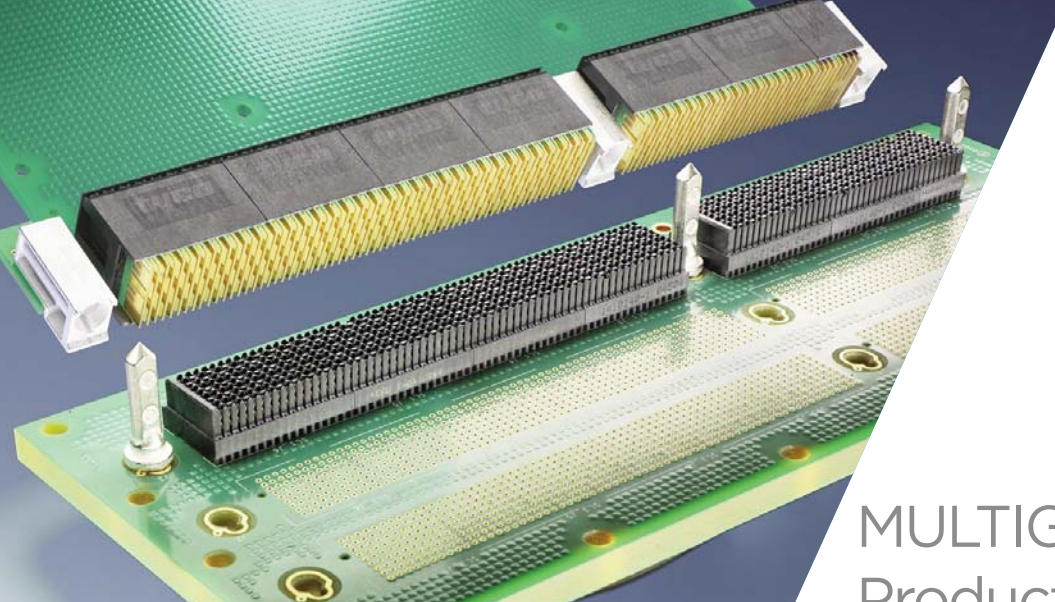




# MULTIGIG RT Connector Products for VITA 46 (VPX) Standard

## 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>

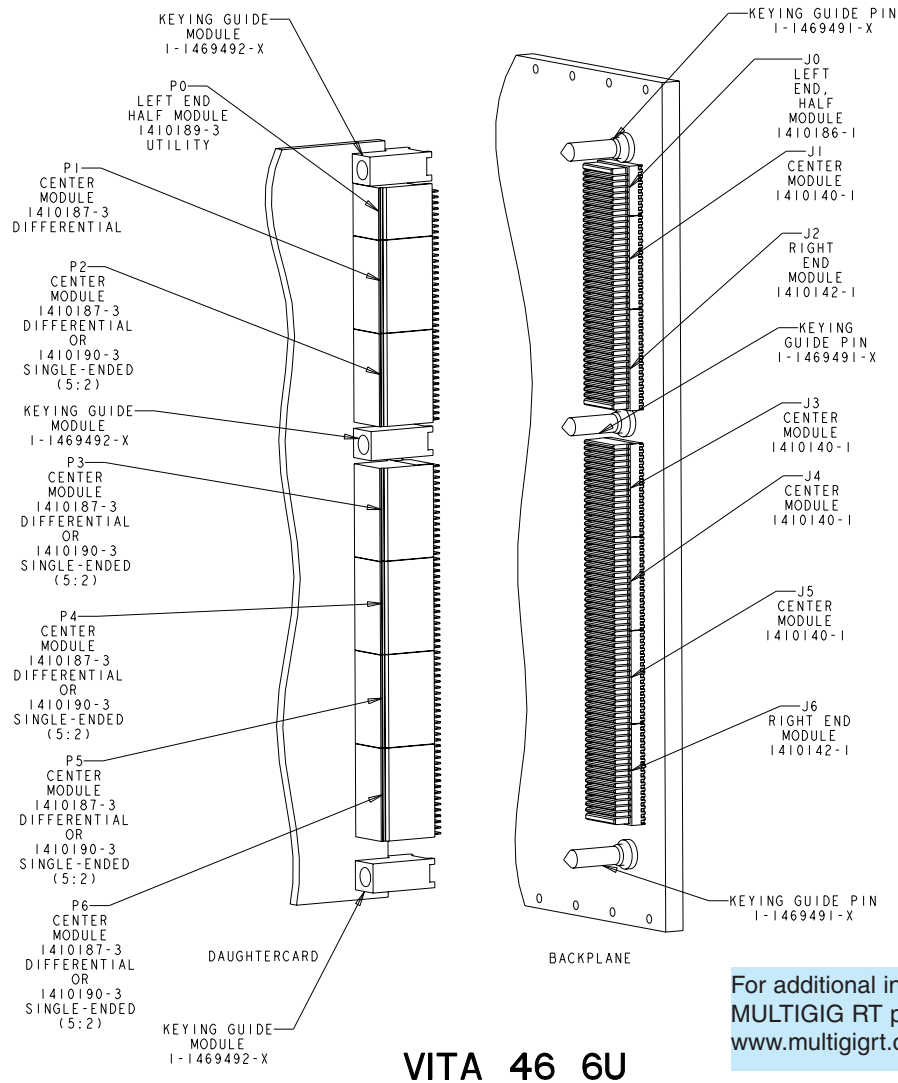
USA: 1-800-522-6752

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](http://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.

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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.

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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](http://www.tycoelectronics.com/leadfree)



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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Работу по проектам и поставку образцов.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
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