



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



Number of Positions: 144
Row-to-Row Spacing: 1.8 mm [.071 in]
Mating Alignment: With
Number of Rows: 9
Number of Columns: 16

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Compatible with PCB Type | Backplane |
| Connector System | Board-to-Board |
| PCB Connector Type | PCB Mount Receptacle |
| Shroud Style | Unshrouded |

Configuration Features

| | |
|------------------------|-----------------------|
| Backplane Architecture | Traditional Backplane |
| Number of Positions | 144 |
| Number of Rows | 9 |
| Number of Columns | 16 |
| PCB Mount Orientation | Vertical |
| Guide Location | Center |

Contact Features

| | |
|------------------------------|-------|
| Contact Current Rating (Max) | 1.5 A |
|------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|-------------|
| Mating Alignment | With |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--|--|
| | |
|--|--|



| | |
|--------------------------|-----------------|
| Number of Shrouded Sides | 0 |
| Centerline (Pitch) | 1.9 mm[.075 in] |

Dimensions

| | |
|--------------------|-----------------|
| Row-to-Row Spacing | 1.8 mm[.071 in] |
|--------------------|-----------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °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 | Compliant with Exemptions |
| 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: JUNE 2024 (241) 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 | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed 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 # 2000713-1
RA Keyed Guide Mod, Vita 46,
Machined



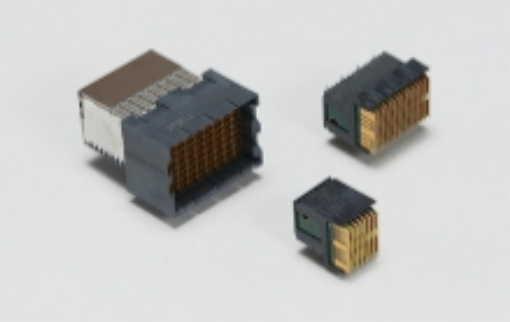
TE Part # 2000676-1
Keyed Guide Pin, Machined, Vita 46

Also in the Series

MULTIGIG RT 2-R



Connector Hardware(18)

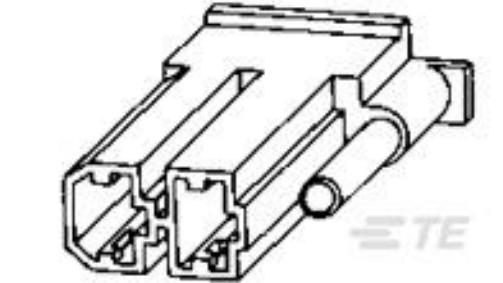


High Speed Backplane Connectors(27)

Customers Also Bought



TE Part #5-104894-6
60 50/50 GRID RA HDR LF



TE Part #171447-2
FF 375 PLUG HSG 2P NYLON BLACK



TE Part #6368077-2
2X4 OFFSET STK MJ,SHLD,RJ45,W
/GND



TE Part #2292457-2
2P, RAST 5 HEADER, PL, SHROUDED



TE Part #4-292161-2
CT P/HDR ASSY V 2P W/KINK YELL



TE Part #6609007-5
20EJS1=F7904A S0



TE Part #745085-2
25 APFL RCPT RA 478



TE Part #5-794680-0
20P MICRO MNL ASSY,VRT,THRU LF



TE Part #53137-5
PREPROG DIP ASY-SPC MARK-16POS



TE Part #Y5015-000000100012
FREE SOCKET CONNECTOR



Documents

Product Drawings

BP, Center, RTM, MULTIGIG RT 2R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2102851-1_C_c-2102851-1-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2102851-1_C_c-2102851-1-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2102851-1_C_c-2102851-1-c.3d_stp.zip

English

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

Datasheets & Catalog Pages

MULTIGIG RT 2-R Ruggedized Connectors

English

Product Specifications

Application Specification

English