2102771-1

MULTIGIG RT | MULTIGIG RT 2-R

Te Internal #: 2102771-1
High Speed Backplane Connectors, Board-to-Board, 112 Position, Mating Alignment, 7 Row, 16 Column, PCB Mount Header, MULTIGIG RT 2-R

View on TE.com >

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

Connector System: Board-to-Board
Number of Positions: 112
Row-to-Row Spacing: 1.35 mm [.053 in]
Mating Alignment: With
Number of Rows: 7

Features

<table>
<thead>
<tr>
<th>Product Type Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied to Printed Circuit Board Type</td>
</tr>
<tr>
<td>Connector System</td>
</tr>
<tr>
<td>PCB Connector Assembly Type</td>
</tr>
<tr>
<td>Shroud Style</td>
</tr>
<tr>
<td>Connector &amp; Contact Terminates To</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Configuration Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Positions</td>
</tr>
<tr>
<td>Number of Rows</td>
</tr>
<tr>
<td>Number of Columns</td>
</tr>
<tr>
<td>Backplane Architecture</td>
</tr>
<tr>
<td>PCB Mount Orientation</td>
</tr>
<tr>
<td>Guide Location</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contact Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Current Rating (Max)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mechanical Attachment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mating Alignment</td>
</tr>
<tr>
<td>Connector Mounting Type</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Housing Features</th>
</tr>
</thead>
</table>
Number of Shrouded Sides 2

Centerline (Pitch) 1.9 mm [.075 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

Candidate List Declared Against: JUL 2021 (219)
SVHC > Threshold:
Pb (7% in contact plating)

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 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
2102771-1
High Speed Backplane Connectors, Board-to-Board, 112 Position, Mating Alignment, 7 Row, 16 Column, PCB Mount Header, MULTIGIG RT 2-R

TE Part # 2000713-1
Keyed Guide Pin, Machined, Vita 46

TE Part # 2102736-1
BP, Center, MULTIGIG RT 2R

TE Part # 2102737-1
BP, Right End, MULTIGIG RT 2R

TE Part # 2000713-1
RA Keyed Guide Mod, Vita 46, Machined

Also in the Series
MULTIGIG RT 2-R

Backplane Guide Hardware(18)
High Speed Backplane Connectors(26)

Customers Also Bought

TE Part #2000713-2
RA Keyed Guide Mod, Vita 46, Machined

TE Part #2102735-1
BP, Half Left End, MULTIGIG RT 2R

TE Part #1410188-3
MULTIGIG RT T2 7RW DC OF F-RGT

TE Part #5435802-1
RIGHT ANGLE DIP SW 8P AU

TE Part #2332816-1
RA Plug Assy Left End MULTIGIG RT 3

TE Part #2102847-1
DC, 7Row, Center, MULTIGIG RT 2R

TE Part #2102736-1
BP, Center, MULTIGIG RT 2R

TE Part #2332816-1
RA Plug Assy Left End MULTIGIG RT 3

For support call+1 800 522 6752
High Speed Backplane Connectors, Board-to-Board, 112 Position, Mating Alignment, 7 Row, 16 Column, PCB Mount Header, MULTIGIG RT 2-R

Documents

Product Drawings
DC, 7Row, Center, MULTIGIG RT 2R
English

CAD Files
3D PDF
3D

Customer View Model
ENG_CVM_CVM_2102771-1_D.2d_dxf.zip
English

Customer View Model
ENG_CVM_CVM_2102771-1_D.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_2102771-1_D.3d_stp.zip
English

Datasheets & Catalog Pages
SOSA Aligned Interconnect Solutions
English

MULTIGIG RT 2-R Ruggedized Connectors
English

Product Specifications
Electrical Performance Report
English

Product Environmental Compliance
Product Compliance
English

Instruction Sheets
Instruction Sheet (U.S.)
High Speed Backplane Connectors, Board-to-Board, 112 Position, Mating Alignment, 7 Row, 16 Column, PCB Mount Header, MULTIGIG RT 2-R