PCI EXPRESS® EDGE CARD SOCKETS
(1.00 mm) .0394" PITCH

FEATURES & BENEFITS

- 1.00 mm pitch
- Supports 1, 4, 8 and 16 PCI Express® links
- PCIE® 3.0 Solution (PCIE)
- PCIE® 4.0 Solution with low-profile design for space savings (PCIE-LP)
- PCIE® 4.0 with slim body design (PCIE-G4)
- PCIE® 5.0 Solution with differential pair signaling (PCIE-G5)
- Vertical, right-angle and edge mount
- Mates with .062" (1.60 mm) thick cards
- Alignment pin and weld tab options

KEY SPECIFICATIONS

<table>
<thead>
<tr>
<th>SERIES</th>
<th>TOTAL PINS (LANES)</th>
<th>INSULATOR MATERIAL</th>
<th>CONTACT MATERIAL</th>
<th>OPERATING TEMP RANGE</th>
<th>CURRENT RATING</th>
<th>VOLTAGE RATING</th>
<th>PCIe® COMPATIBILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCIE</td>
<td>36 (x1), 64 (x4), 98 (x8), 164 (x16) -TH = Black Nylon -EMS2 &amp; -TH = LCP</td>
<td>Phosphor Bronze</td>
<td>-55 °C to +125 °C</td>
<td>2.4 A (2 pins)</td>
<td>215 VAC</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>PCIE-LP</td>
<td>36 (x1), 64 (x4), 98 (x8), 164 (x16)</td>
<td>LCP</td>
<td>Phosphor Bronze</td>
<td>-55 °C to +125 °C</td>
<td>2.1 A (2 pins)</td>
<td>215 VAC</td>
<td>4.0</td>
</tr>
<tr>
<td>PCIE-G4</td>
<td>36 (x1), 64 (x4), 98 (x8), 164 (x16)</td>
<td>LCP</td>
<td>Copper Alloy</td>
<td>-55 °C to +125 °C</td>
<td>2.2 A (2 pins)</td>
<td>300 VAC</td>
<td>4.0</td>
</tr>
<tr>
<td>PCIE-G5</td>
<td>36 (x1), 64 (x4), 98 (x8), 164 (x16)</td>
<td>LCP</td>
<td>Copper Alloy</td>
<td>-55 °C to +125 °C</td>
<td>3.2 A (2 pins)</td>
<td>235 VAC</td>
<td>5.0</td>
</tr>
</tbody>
</table>
PCIE-G5
Card Mates:
(1.60 mm)
.062" card

PCIE-G4
Card Mates:
(1.60 mm)
.062" card

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Note:
Some lengths, styles and options are non-standard, non-returnable.