The XChange1200 is a 3U CompactPCI module supporting a single-width PrPMC or XMC card. The XChange1200 provides easy integration of standard mezzanine cards into a modern 3U CompactPCI backplanes. The XChange1200 can be configured for either system or peripheral slot.
**cPCI**
- 32-bit PCI interface operating at 33 or 66-MHz
- System controller capable with onboard clocking and arbitration
- Peripheral slot capable

**PMC**
- 66-MHz, 32-bit PCI
- P14 to P2 I/O routing

**XMC**
- x1 PCI Express interface
- XMC may be root

**Physical Characteristics**
- 3U cPCI form factor
- Dimensions: 100 mm x 160 mm
- 10 mm stacking height

**Environmental Requirements**
Contact factory for appropriate board configuration based on environmental requirements.
- Supported ruggedization levels (see chart below): 1, 3
- Conformal coating available as an ordering option

**Power Requirements**
- Maximum power consumption: TBD

<table>
<thead>
<tr>
<th>Supported Ruggedization Level</th>
<th>Level 1</th>
<th>Level 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling Method</strong></td>
<td>Standard Air-Cooled</td>
<td>Rugged Air-Cooled</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>0 to +55 °C ambient (300 LFM)</td>
<td>-40 to +70 °C (600 LFM)</td>
</tr>
<tr>
<td><strong>Storage Temperature</strong></td>
<td>0 to +85 °C ambient</td>
<td>-40 to +105 °C ambient</td>
</tr>
<tr>
<td><strong>Vibration</strong></td>
<td>0.002 g²/Hz, 5 to 2000 Hz</td>
<td>0.04 g²/Hz (maximum), 5 to 2000 Hz</td>
</tr>
<tr>
<td><strong>Shock</strong></td>
<td>20 g, 11 ms sawtooth</td>
<td>30 g, 11 ms sawtooth</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>0% to 95% non-condensing</td>
<td>0% to 95% non-condensing</td>
</tr>
</tbody>
</table>

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