## MATERIAL DECLARATION SHEET

### Material Number
4818P LF Series

### Product Line
Networks

### Compliance Date
1-1-2005

### RoHS Compliant
Yes

<table>
<thead>
<tr>
<th>No.</th>
<th>Construction Element (subpart)</th>
<th>Homogeneous Material</th>
<th>Material weight [g]</th>
<th>Homogeneous Material\Substances</th>
<th>CASRN if applicable</th>
<th>Materials Mass %</th>
<th>Material Mass % of total unit wt.</th>
<th>Subpart mass of total wt. (%)</th>
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<tbody>
<tr>
<td>1</td>
<td>Ceramic substrate</td>
<td>alumina</td>
<td>0.1134</td>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
<td>100</td>
<td>30.53</td>
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<td>2</td>
<td>Resistor/Conductor Glass</td>
<td>Glass</td>
<td>0.00226</td>
<td>Silver</td>
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<td>Ruthenium dioxide</td>
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<td>Boron trioxide</td>
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<td>Aluminum oxide</td>
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<td>Lead monoxide</td>
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Total weight 0.37148
MATERIAL DECLARATION

This Document was updated on: December 6, 2010

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. RoHS exemptions used: 7a – lead in high temperature solder; 7[c]-I (formerly exemption 5) lead in glass in electronic components