DATA SHEET

5 GHz Dielectric Cavity

Applications

• 5 GHz WiFi
• LTE-U, LTE-LAA
• Pico Cells

Features

• Narrowband
• High selectivity
• Low loss

Description

Trans-Tech, Inc. (TTI) announces a new series of high-frequency bandpass filters designed with temperature-stable, high-Q dielectric resonators. This series can be supplied in less than 1% bandwidth with low loss, from 5.1 GHz to 5.9 GHz. The example shown here is a 6-pole, 5670 MHz design with 33 MHz pass bandwidth. Stopband exceeds 60 dB to 6.5 GHz. Figure 1 shows the package dimensions. Figure 2 shows a plot of typical performance data.

Figure 1. Package Dimensions (inches)

Figure 2. Typical Performance Data

For more information, refer to the TTI web site for a listing of our worldwide network of sales representatives.
## Contact and Ordering Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Telephone</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tony Saia</td>
<td>1-301-874-6527</td>
<td><a href="mailto:tony.saia@skyworksinc.com">tony.saia@skyworksinc.com</a></td>
</tr>
<tr>
<td>John Darling</td>
<td>1-301-874-6541</td>
<td><a href="mailto:john.darling@skyworksinc.com">john.darling@skyworksinc.com</a></td>
</tr>
</tbody>
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