ATTENUATOR CHIP

DC - 40 GHz
1 Watt

MODELS: 40PCA3060-HK, 40PCA3060-TX, 40PCA3060-GX

SPECIFICATIONS:

Electrical:
Frequency Range ________________ DC - 40 GHz
Nominal Impedance ________________ 50 Ohms
Standard dB Values ________________ 0 thru 10, 12, 15 & 20 dB*

Attenu. Accuracy (dB)

<table>
<thead>
<tr>
<th>dB Value</th>
<th>Attenu (Freq)</th>
<th>TOL (Freq)/vs Nom AttEN (freq)/</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 6 dB</td>
<td>dB+0.025*(GHz)</td>
<td>±(1.0)</td>
</tr>
<tr>
<td>10 - 12 dB</td>
<td>dB</td>
<td>±(0.5+0.013*freq(GHz))</td>
</tr>
<tr>
<td>15 - 20 dB</td>
<td>dB-0.025*(GHz)</td>
<td>±(1.0+0.025*freq(GHz))</td>
</tr>
</tbody>
</table>

VSWR
DC - 10 GHz ________________ 1.20:1 Max.
10 - 23 GHz ________________ 1.30:1 Max.
23 - 40 GHz ________________ 1.60:1 Max.

Rated Power ________________ 1 Watt Avg. Max.**

Operating Temp. Range ________________ -55°C to +150°C

Derated Linearly to 0 Watts @ +150°C

*Other dB Values are available, contact sales.inmet@apitech.com
**When Temperature of Mounting Pads <100°C.

Model Number: 40PCA3060-H6 Shown

TOLERANCE .XXX = ±.005

Model Number: 40PCA3060-YXX

HOW TO ORDER:

Terminal Options
H = Lead Free Solder
T = Tin Lead Solder
G = Gold

Scale 15:1

Dimensions are for substrate only and do not include terminal thickness or optional tinning thickness.

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.