Single Transmission Lines with Four Rows of Tuning Pads
Part number definition = ATP-WP4-M-TTT-050-LLL

<table>
<thead>
<tr>
<th>Thickness of Material</th>
<th>Fixed Line Width</th>
<th>Fixed Circuit Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.025&quot; (0.635mm)</td>
<td>0.024&quot; (0.610mm)</td>
<td>0.050&quot; (1.27mm)</td>
</tr>
</tbody>
</table>

"A" = LENGTH OF SUBSTRATE IN INCHES
EXAMPLE: ATP-WP4-F-025-050-100  A=.100 INCHES [2.54mm]

NOTES: (UNLESS OTHERWISE SPECIFIED)

⚠ MATERIAL: .025 [0.64] THK ALUMINA 99.6%
(X) AS-FIRED SURFACE FINISH <4u" [0.10µm]

METALIZATION A & B SIDE
T/W= 300-800A* [0.04-0.08µm]
Au= 120u" [3µm] min.

Fabricated and distributed under license with
Senetek, Inc., California,
Consumer Products Division,
3670 edition Way, Fremont, CA 94538

3/4" TUNGSTEN RESISTOR WAFERS
3/4" IIR TUNGSTEN RESISTOR WAFERS
3/4" OD HONEYCOMB BASE WAFERS

APPLIED THIN FILM PRODUCTS
ATP - 3001 W. PLEASANT VALLEY RD.
Fremont, CA 94538

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APPLIED THIN FILM PRODUCTS, ANY REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE PERMISSION OF ATP IS PROHIBITED.