

# FLANGE ATTENUATORS

## General Specifications

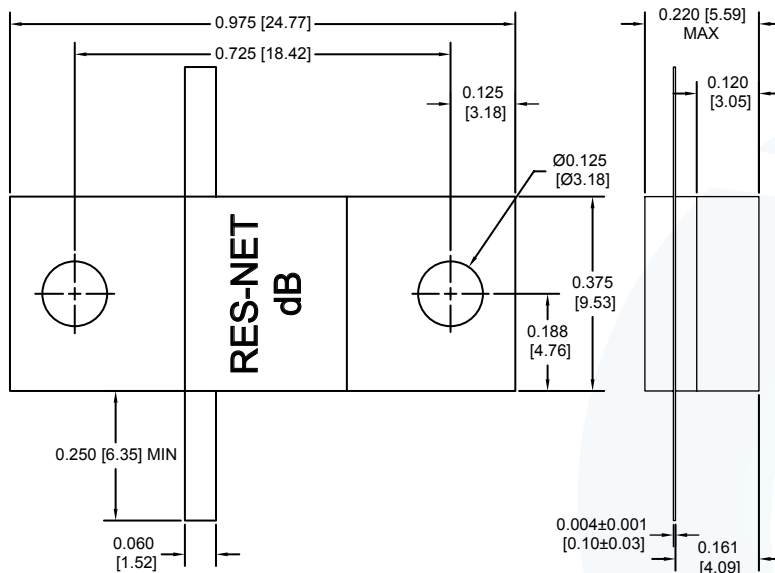
Substrate: Beryllium Oxide  
Resistive Film: Thick Film  
Tab: Silver Plated Beryllium Copper  
Flange: Nickel Plated Copper

Cover: Alumina  
Impedance: 50 Ohms  
Tolerance:  $\pm 5\%$   
Operating Temperature:  
-55°C to +150°C

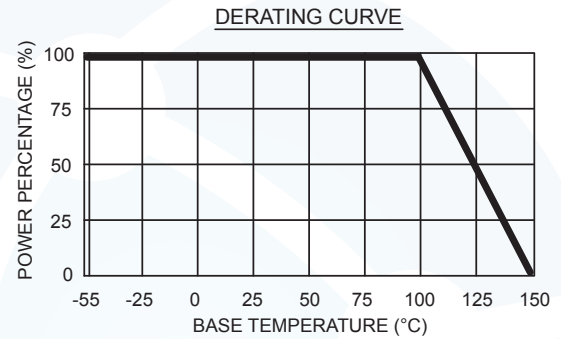


| Part Number | Power (W) | Attenuation (dB) | Frequency (GHz)   | VSWR (max)       | Attenuation Accuracy (dB) |
|-------------|-----------|------------------|-------------------|------------------|---------------------------|
| RPA50-dB    | 50        | 1-30             | DC-1.0<br>1.0-2.0 | 1.15:1<br>1.25:1 | $\pm 0.3$<br>$\pm 0.5$    |
| RPA100-dB   | 100       | 1-30             | DC-1.0<br>1.0-2.0 | 1.15:1<br>1.25:1 | $\pm 0.3$<br>$\pm 0.5$    |

**RPA50-dB**



Dimensions are in inches [mm],  
Tolerance: .XXX =  $\pm 0.010$ , .XX =  $\pm 0.015$



## Ordering Information:

Example:

**RPA 100 N - dB**

Series  $\rightarrow$  RPA  
Power Rating  $\rightarrow$  100  
Substrate Material  $\rightarrow$  N: Aluminum Nitride  
(No Designation for Beryllium Oxide)  
dB Value  $\rightarrow$  - dB  
(See Charts for Available Values)