

# Attenuator Flanged

MODELS: PPA20-X

**DC - 4 GHz  
20 Watts**

## Specifications

### Electrical

<b>Frequency Range</b>	DC - 4 GHz		
<b>Atten. Accuracy</b>	DC - 1 GHz	1 - 2.5GHz	2.5 - 4 GHz
1 - 5dB	±0.5dB	±0.5dB	±0.5dB
6 - 9dB	±0.5dB	±0.5dB	±1.0dB
10 - 12dB	±0.75dB	±1.0dB	±1.5dB
20dB	±1.0dB	±2.0dB	±3.0dB
<b>Impedance</b>	50 Ohms		
<b>Power Handling*</b>	20 Watts Max.		
<b>VSWR</b>			
DC - 1.0 Ghz	1.15:1 Max.		
1.0 - 2.5 GHz	1.35:1 Max.		
2.5 - 4.0 GHz	1.50:1 Max.		

### Mechanical

<b>Substrate</b>	Beryllium Oxide
<b>Resistor Material</b>	Proprietary Thin Film
<b>Cover</b>	Alumina Ceramic
<b>Flange</b>	Nickel Plated Copper
<b>Tab</b>	Gold Plated Beryllium Copper

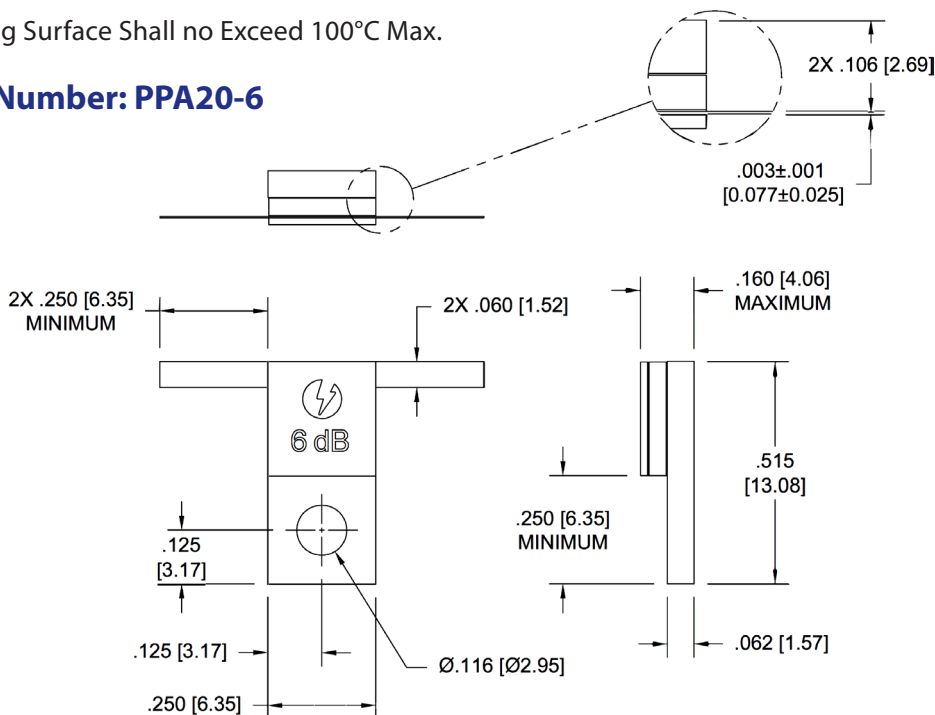
### How to Order

**Model Number: PPA20-XX**  
└───┬───┘  
dB Value

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

\*Mounting Surface Shall no Exceed 100°C Max.

### Model Number: PPA20-6



Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

Tolerance: .XXX= ±.010

Design specifications are subject to change without notice.