

Surface Mount Voltage Variable Attenuator 1805-1880 MHz, Low Loss

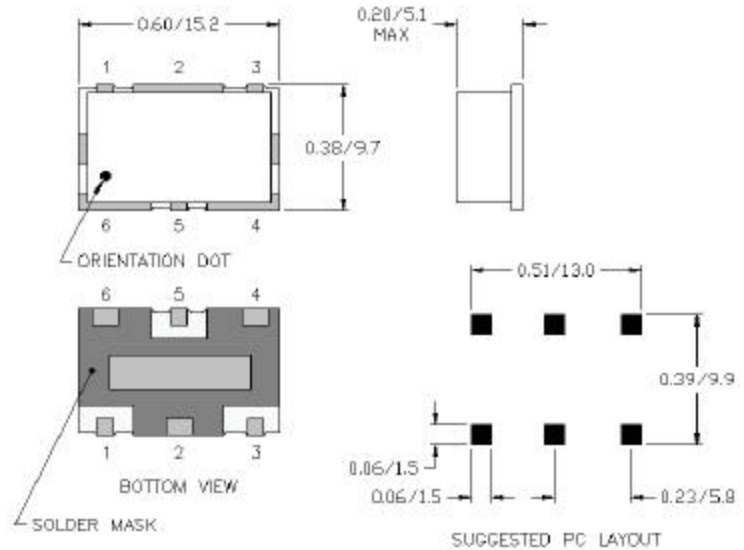
**Package Style 36
VA182B-36C2**

Key Features

- IP3 = +45 dBm
- Attenuation - 25 dB
- Solder Reflow to +240°C

Guaranteed Specifications

Insertion Loss (dB)	TYP 0.7	MAX 1.0
Attenuation Range (dB)	TYP 25	MIN 20
Return Loss (dB)	23	15
Control Voltage	0 to +5V	
Control Current	10 mA MAX	
DC Bias	Not Required	
RF Power	0 dBm NOM	
Operating Temperature	-40°C to 85°C	
Storage Temperature	-55°C to 105°C	



Dimensions are in inches/ mm

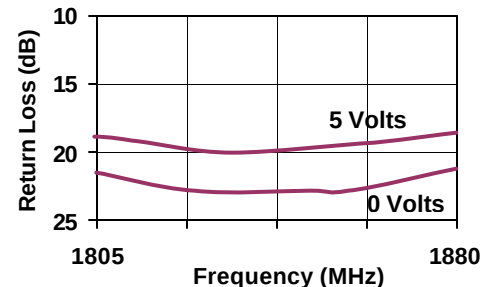
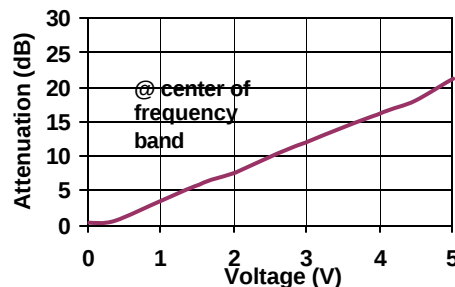
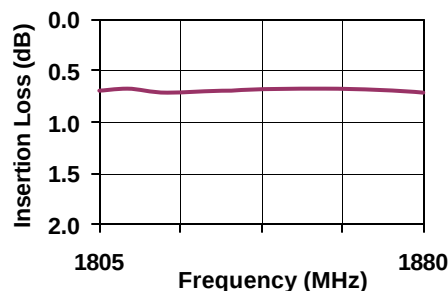
Unless Otherwise Noted: .xx = ± 0.02 / 0.50
.xxx = ± 0.010 / 0.250

1. Specifications guaranteed in a 50 ohm test system
2. Phase Shift vs. Attenuation: 1 degree per dB typical
3. Available in Tape and Reel

Pin Configuration

Function	Pin
IN	1
OUT	3
Control Voltage	5
GND	all others

Typical Performance



Specifications Subject to Change Without Notice

SV Microwave Commercial Products Group, Inc.
7247 Bryan Dairy Road
Largo, FL 33777

Tel (727) 541-5800

www.svmicrowave.com

Fax (727) 541-5869