

Surface Mount Voltage Variable Attenuator

1800 MHz, 10% Bandwidth, Low Loss

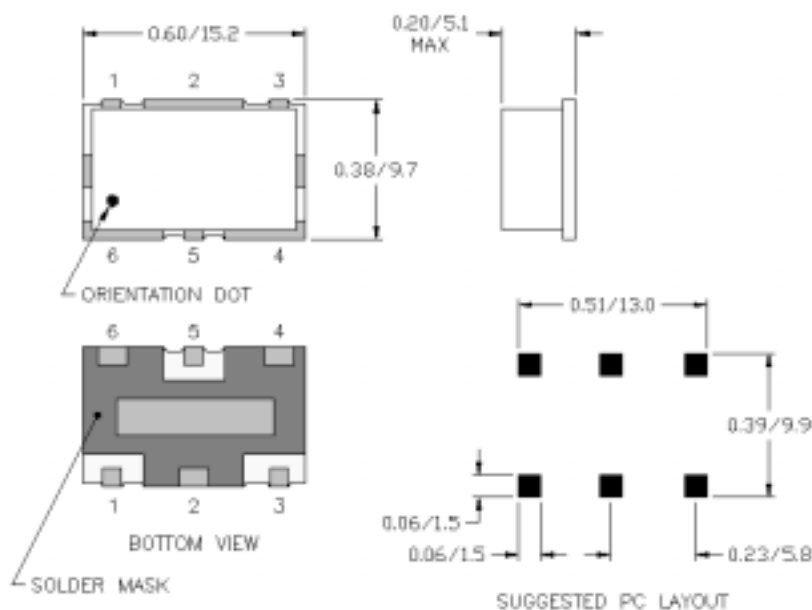
Package Style 36
VA182D-36N1

Key Features

- Low Loss 1.5 dB
- Attenuation 15 dB
- Solder Reflow to 240°C
- IP3 +45 dBm TYP

Guaranteed Specifications

Insertion Loss (dB)	TYP 1.5	MAX 2.0
Attenuation (dB)	TYP 15	MIN 12
Return Loss (dB)	17	12
Control Voltage	0 to 5V	
Control Current	20 mA MAX	
DC Bias	Not Required	
RF Power	+10 dBm NOM	
Operating Temperature	-40°C to 85°C	
Storage Temperature	-55°C to 105°C	



Dimensions are in inches/ mm

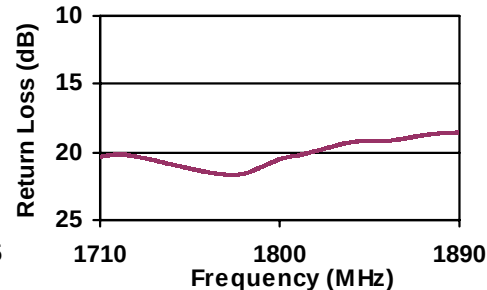
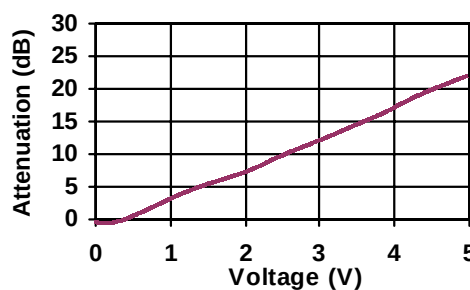
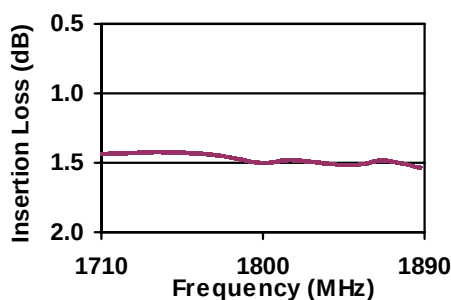
Unless Otherwise Noted: .xx = ± 0.02 / 0.50
.xxx = ± 0.010 / 0.250

1. Specifications guaranteed in a 50 ohm test system
2. 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