

Surface Mount Voltage Variable Attenuator
820 MHz, 10% Bandwidth, Low Loss

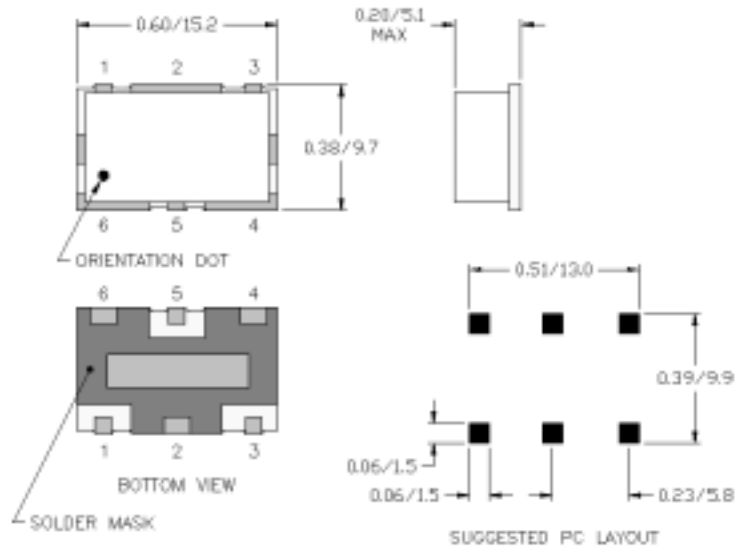
Package Style 36
VA821D-36N1

Key Features

- IP3 = +45 dBm
- Attenuation - 17 dB
- Solder Reflow to +240°C

Guaranteed Specifications

Insertion Loss (dB)	TYP 0.9	MAX 1.5
Attenuation Range (dB)	TYP 17	MIN 14
Return Loss (dB)	18	14
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

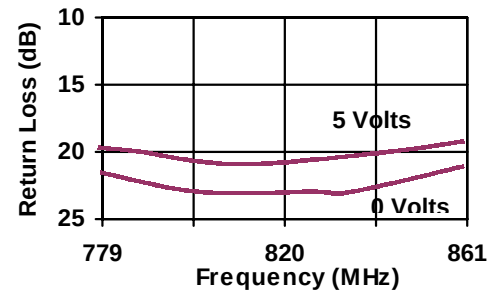
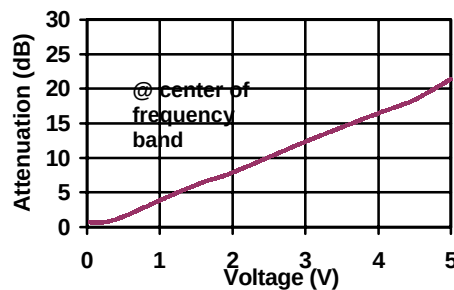
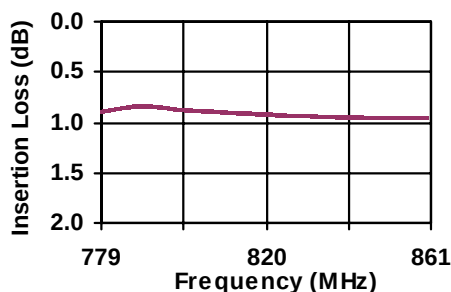
Unless Otherwise Noted: .xx = $\pm 0.02 / 0.50$
.xxx = $\pm 0.010 / 0.250$

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

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