

# Surface Mount Voltage Variable Attenuator

## 570 MHz, 10% Bandwidth, Low Loss

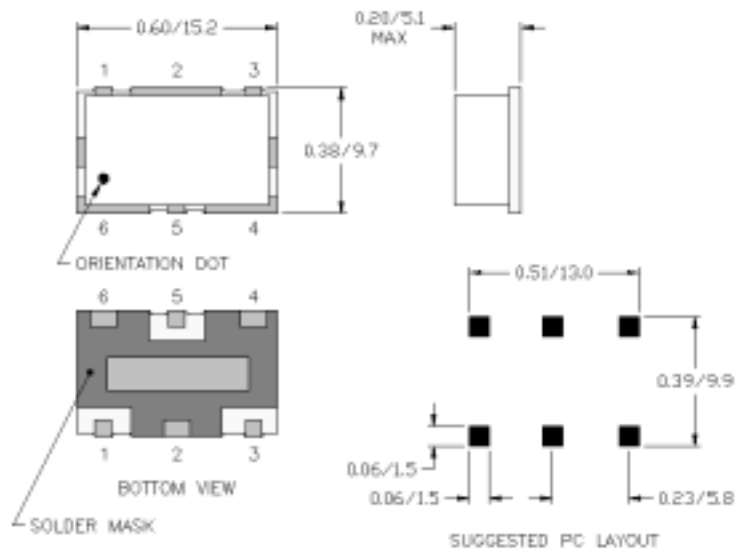
**Package Style 36**  
**VA571C-36N1**

### Key Features

- IP3 = +45 dBm
- Attenuation - 20 dB
- Solder Reflow to +240°C

### Guaranteed Specifications

|                        |                |     |
|------------------------|----------------|-----|
| Insertion Loss (dB)    | TYP            | MAX |
|                        | 0.8            | 1.3 |
| Attenuation Range (dB) | TYP            | MIN |
|                        | 20             | 17  |
| Return Loss (dB)       | 19             | 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

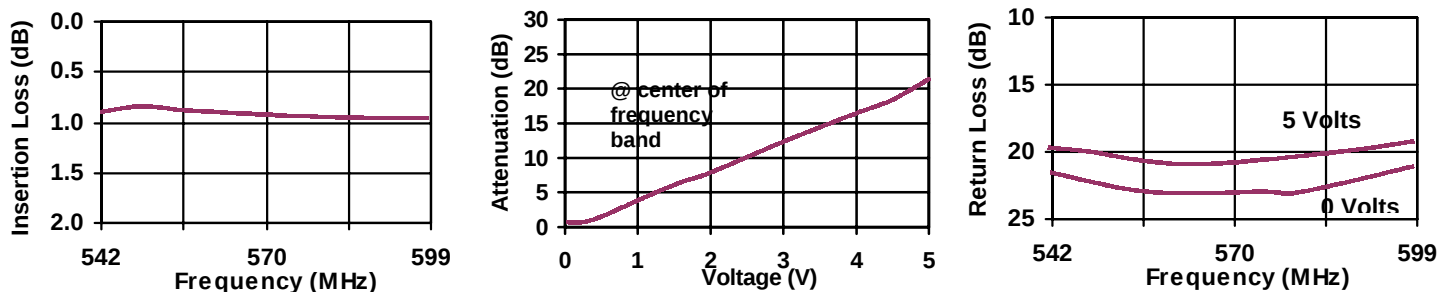
Unless Otherwise Noted: .xx = ± 0.02 / 0.50  
.xxx = ± 0.010 / 0.250

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

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