

Surface Mount Voltage Variable Phase Shifter 1930-1990 MHz

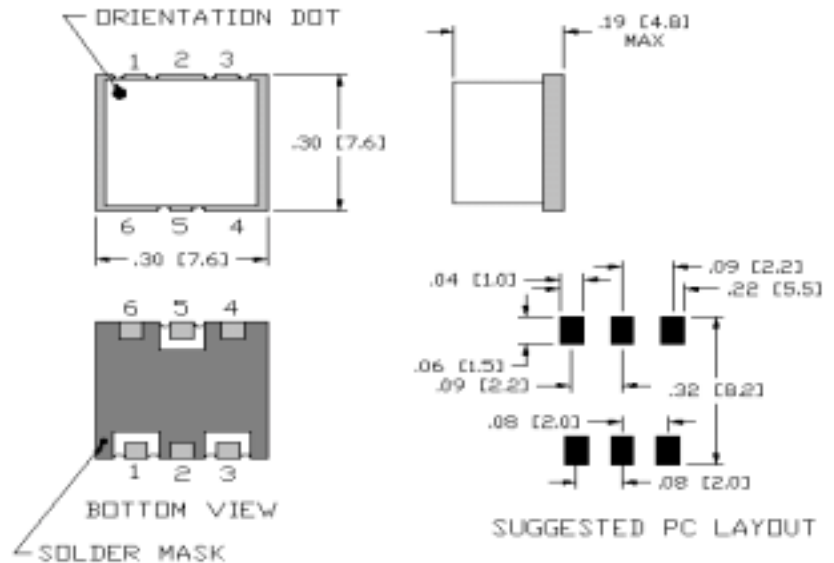
**Package Style 60
VP192A-60BK**

Key Features

- Very Low Loss: 1.7 dB
- Excellent Return Loss: 18 dB
- Phase Shift: 190°
- Solder Reflow to 240°C

Guaranteed Specifications

Insertion Loss (dB)	TYP 1.7	MAX 2.2
Phase Shift (deg)	TYP 190	MIN 180
Return Loss (dB)	16	12
Control Voltage	0 to 15V	
Control Current	20 μ A 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

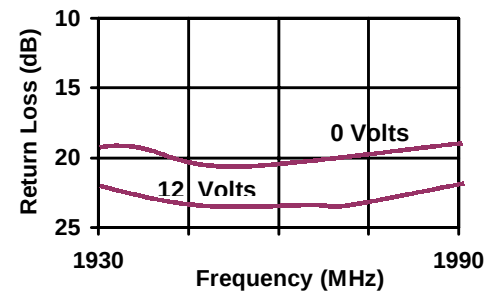
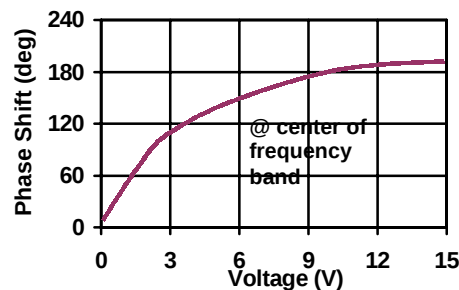
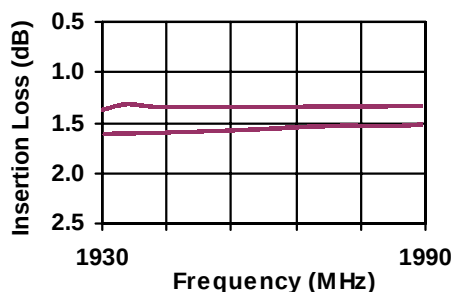
Unless Otherwise Noted: .xx = $\pm 0.02 / 0.50$
.xxx = $\pm 0.010 / 0.250$

1. Specifications guaranteed in a 50 ohm test system
2. Available in Tape and Reel
3. Higher Phase models available

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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