

PHASE SHIFTER

SURFACE MOUNT MODEL: PS-909

10% BANDWIDTH

F_c = 20 MHz

FEATURES:

- ▶ Over 180° Phase Shift
- ▶ Low Control Voltage
- ▶ Good Tuning Linearity
- ▶ Low Insertion Loss
- ▶ Low VSWR



SPECIFICATIONS (Rev. A 01/13/09)

Frequency	19 - 21 MHz	
Insertion Loss (dB)	Typ.	Max.
	1.2	1.5
Control Bandwidth	DC to 50 kHz (Min.)	
Control Voltage	0 - 5 Volts	
Phase Shift	180° (Min.)	
VSWR	1.5:1 (Typ.)	
Input Power	-10 dBm (Max.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-20 to +70 °C	

Package #	124S
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TOP VIEW

RECOMMENDED MOUNTING PADS

TYP. .200

.370

8 PL. 0.200

PORT CONFIGURATION			
Input	Output	Control	Case GND
1	13	4	All Others

Absolute Maximum Ratings

Storage Temp. Range	-55 to +100 °C
RF Input Power	+20 dBm
Control Voltage	+12 V

PHASE SHIFTER

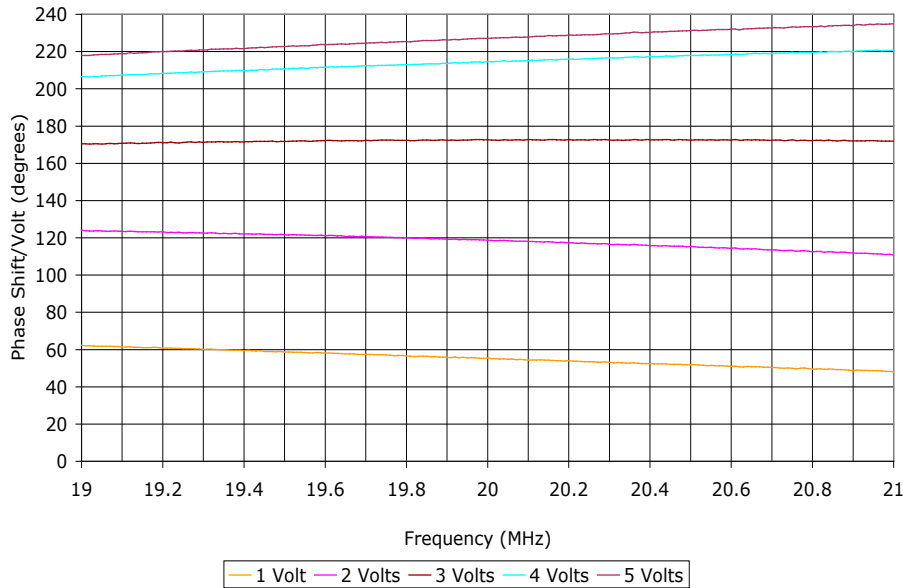
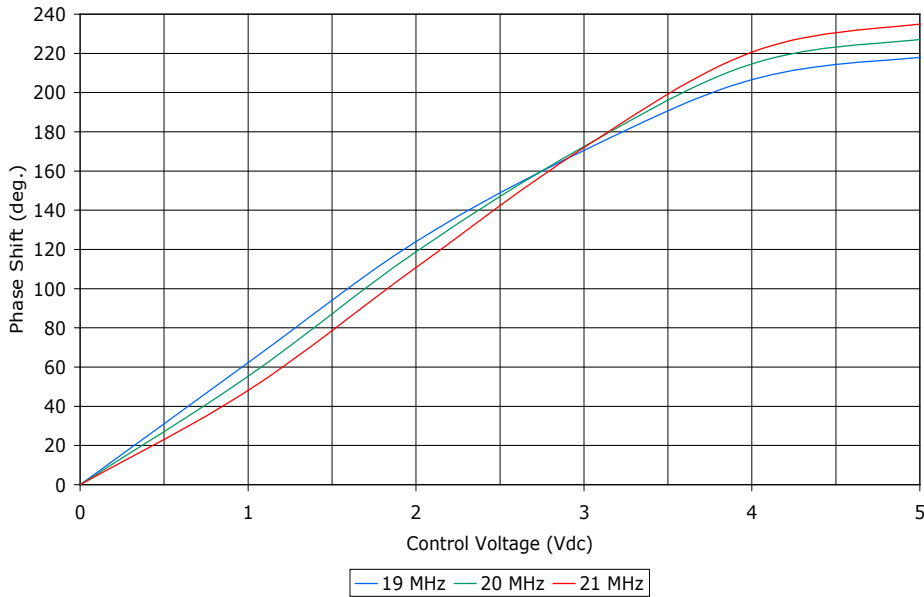
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Data @ 25°C

PERFORMANCE PLOTS



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