

PHASE SHIFTER

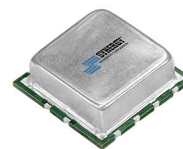
SURFACE MOUNT MODEL: PS-909

10% BANDWIDTH

$F_c = 20 \text{ MHz}$

FEATURES:

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



SPECIFICATIONS (Rev. B 08/04/26)

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 #	124SL		
0.945 SQ. 0.800 MAX SQ. 0.330 MAX TOP VIEW BOTTOM MASKING RECOMMENDED MOUNTING PADS 0.200 8 PLCS 0.400 0.670 0.165 0.070 12 PL. 0.110 12 PL.			
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

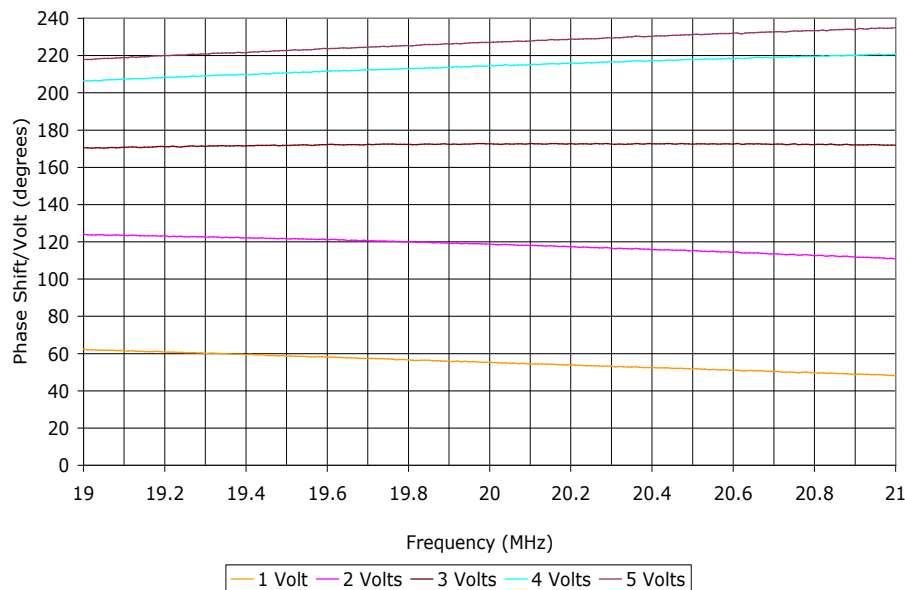
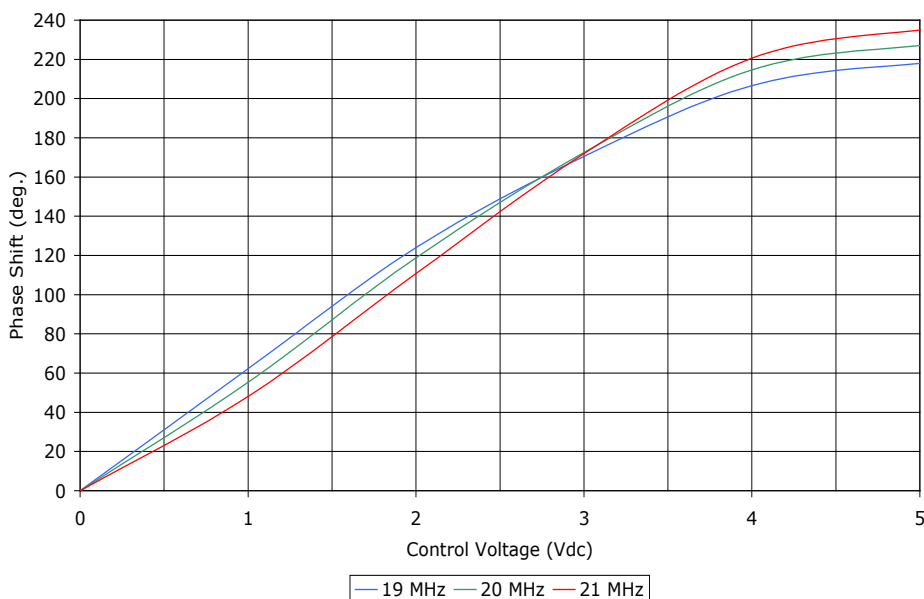
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PERFORMANCE PLOTS

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