

PHASE SHIFTER

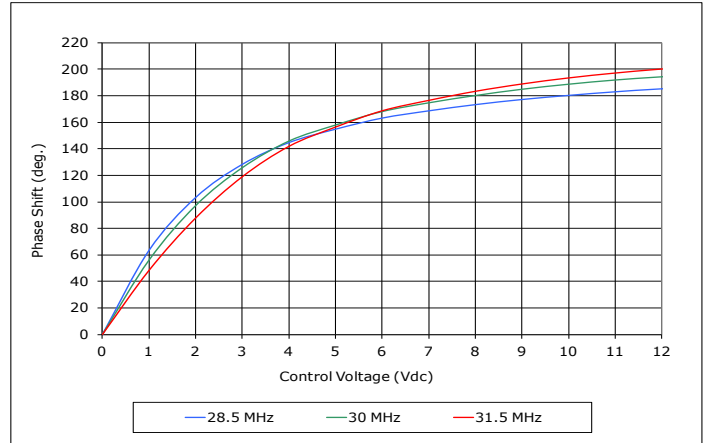
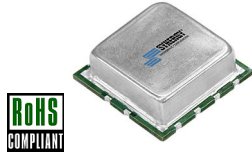
SURFACE MOUNT MODEL: PS-901

10% BANDWIDTH

F_c = 30 MHz

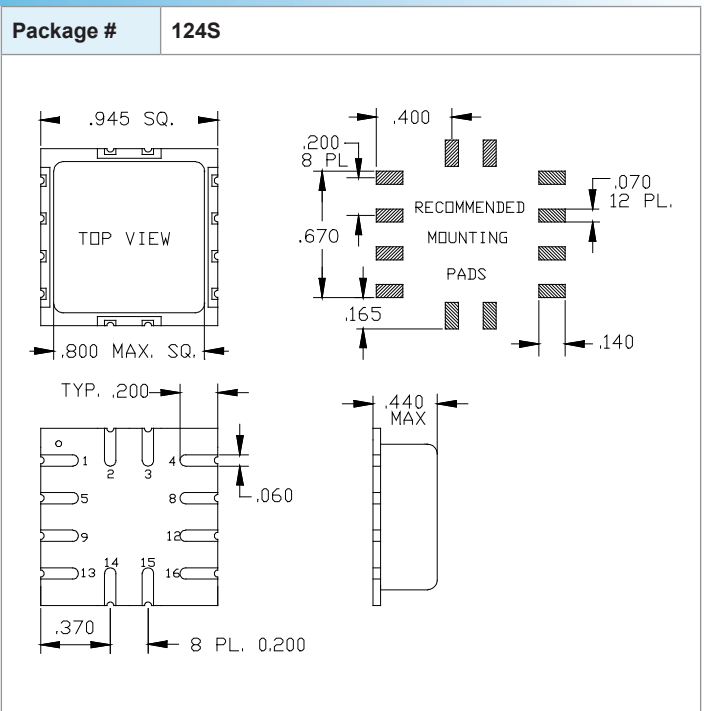
FEATURES:

- ▶ Over 180° Phase Shift
- ▶ Low Control Voltage
- ▶ Low VSWR



SPECIFICATIONS (Rev. B 01/17/14)

Frequency	30 ±5% MHz	
Insertion Loss (dB)	Typ. 1.2	Max. 1.5
Control Bandwidth	DC to 50 kHz	
Control Voltage	0 - 12 V (Max.)	
Phase Shift Range	0 - 180° (Min.)	
VSWR	1.7:1 (Max.)	
Input Power	-10 dBm (Max.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-20 to +70 °C	



Absolute Maximum Ratings

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

PORT CONFIGURATION			
Input	Output	CTRL	GND
1	13	4	All Others

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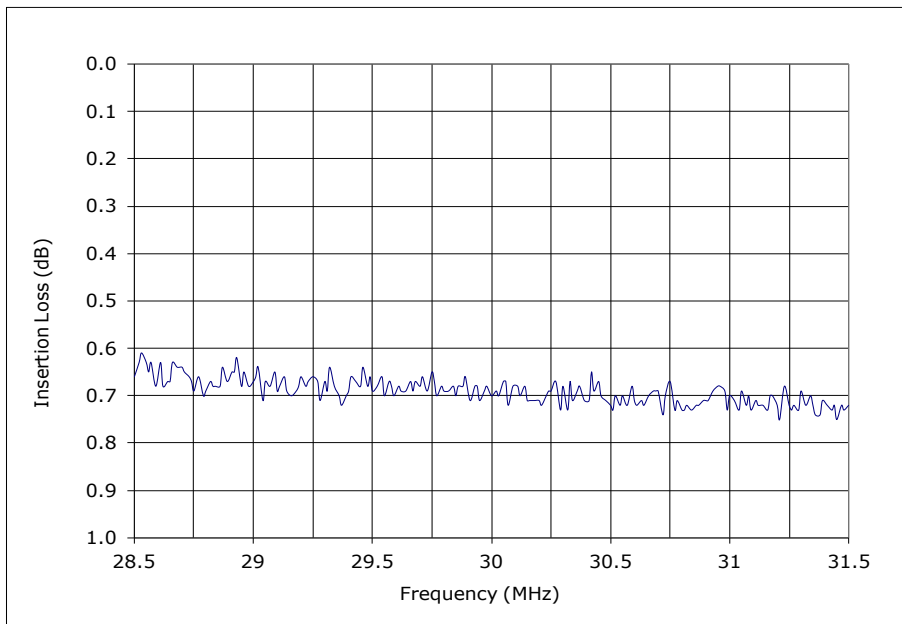
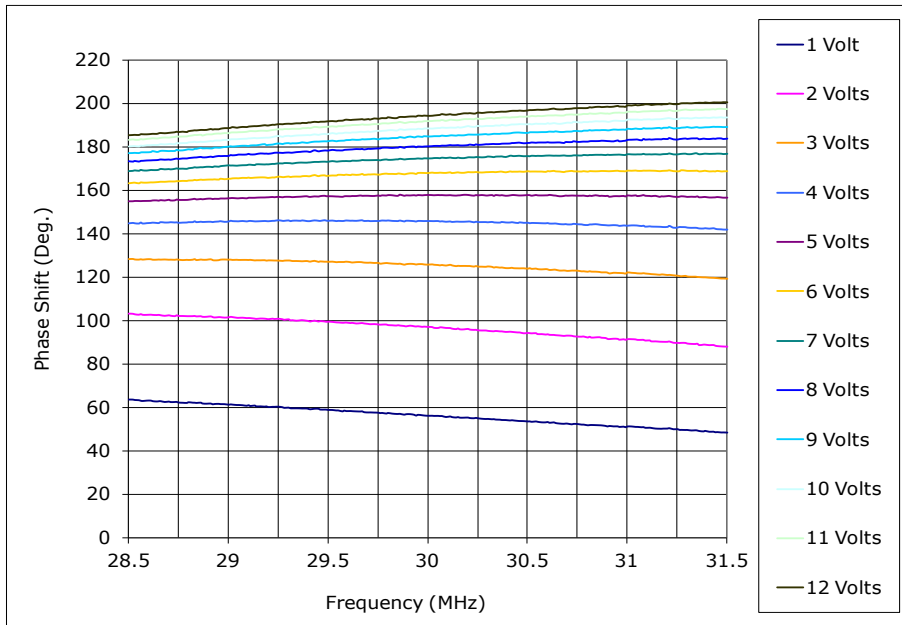
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Data @ 25 °C

PERFORMANCE PLOTS



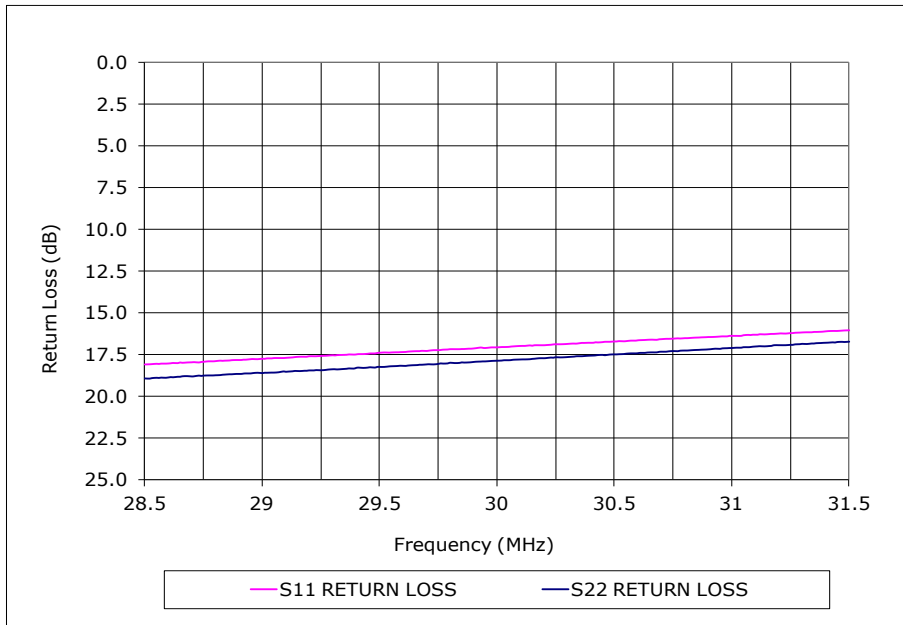
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