

PHASE SHIFTER

SURFACE MOUNT MODEL: PS-38

OPTIMIZED BANDWIDTH

33 - 42 MHz

FEATURES:

- ▶ Low Tuning Voltage
- ▶ Good Performance
- ▶ Low VSWR



SPECIFICATIONS (Rev. A 05/06/16)

Frequency	33 - 42 MHz	
Insertion Loss (dB)	Typ. 0.9	Max. 1.6
Control Bandwidth	DC to 50 kHz	
Control Voltage	0 - 15 V (Max.)	
Phase Shift Range	0 - 180° (Min.)	
VSWR	1.35:1 (Typ.)	
Input Power	0 dBm (Max.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +85 °C	

Package #	103S
------------------	-------------

BOTTOM VIEW

**LAYOUT FOR PRINTED
CIRCUIT DESIGN**

PORT CONFIGURATION			
Input	Output	CTRL	GND
1	2	7	All Others

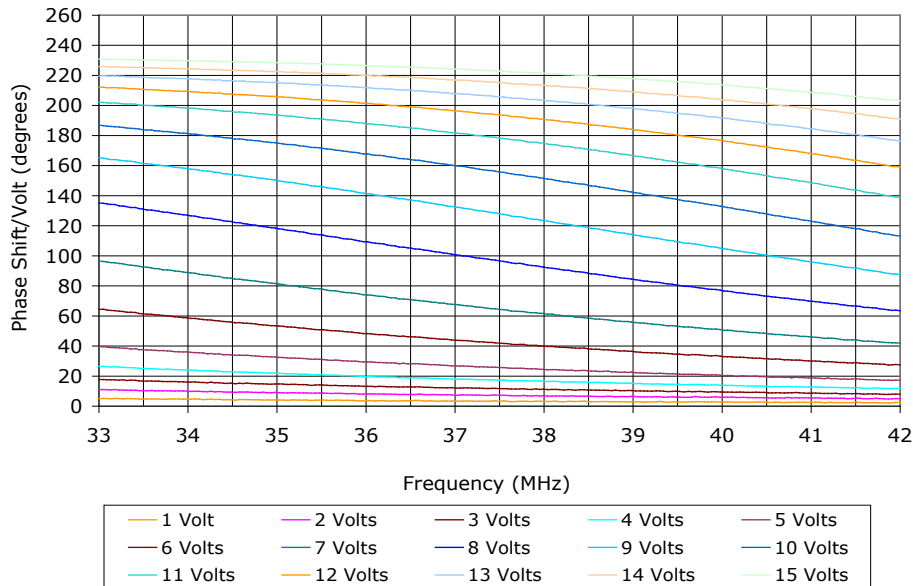
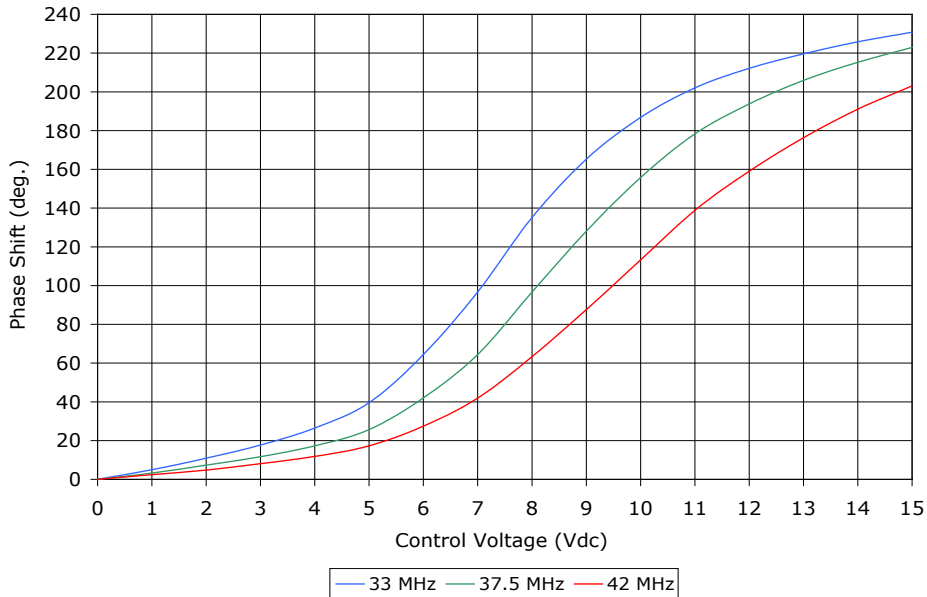
PHASE SHIFTER

SURFACE MOUNT MODEL: PS-38

OPTIMIZED BANDWIDTH

33 - 42 MHz

Data @ 25°C



PERFORMANCE PLOTS

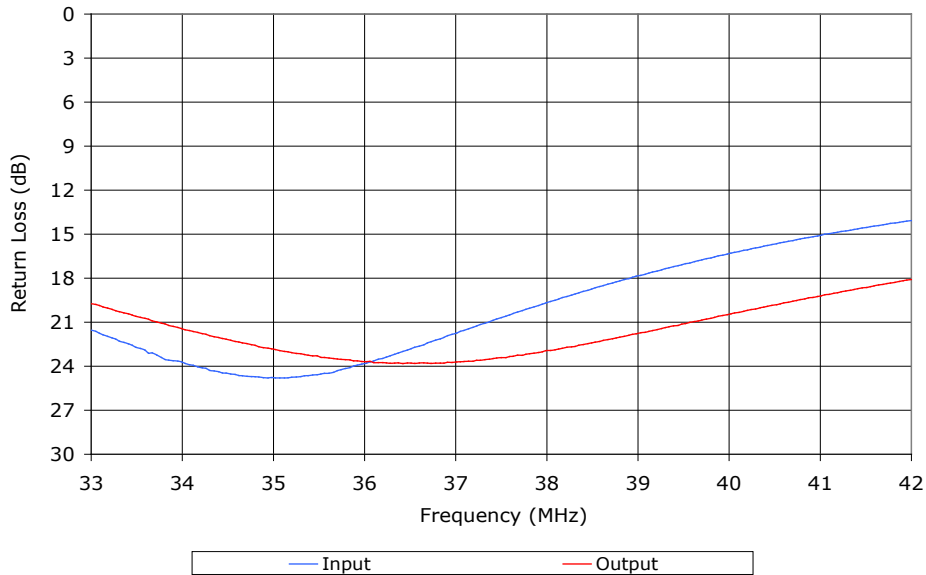
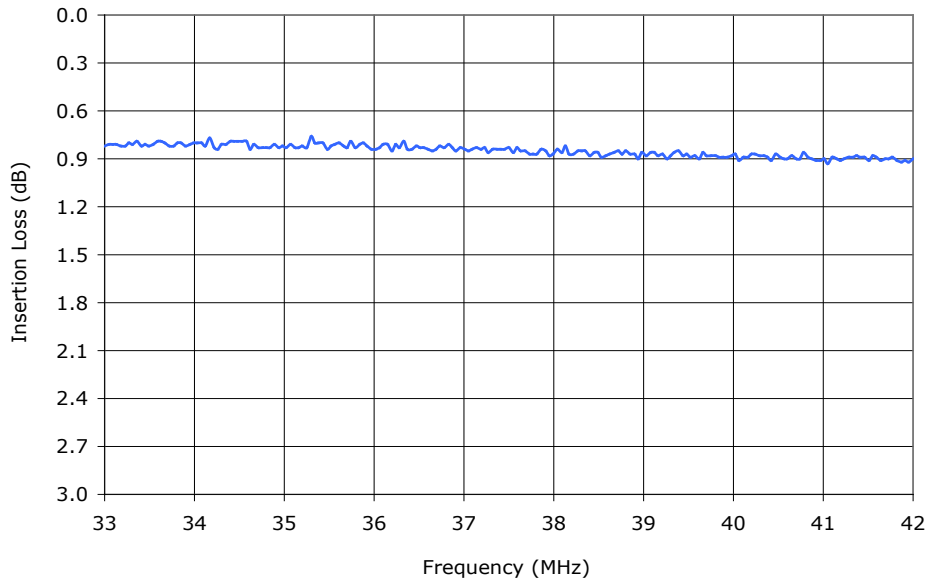
PHASE SHIFTER

SURFACE MOUNT MODEL: PS-38

OPTIMIZED BANDWIDTH

33 - 42 MHz

Data @ 25°C



PERFORMANCE PLOTS