

RF IMPEDANCE TRANSFORMER

SURFACE MOUNT MODEL: SMT-360

WIDE BANDWIDTH

30 - 600 MHz

FEATURES:

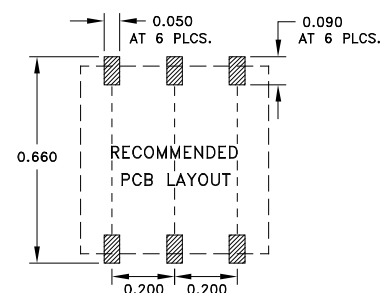
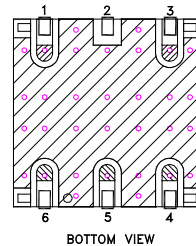
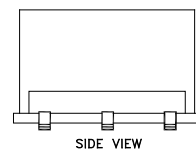
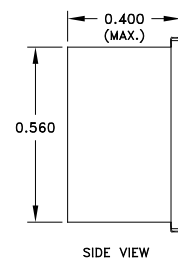
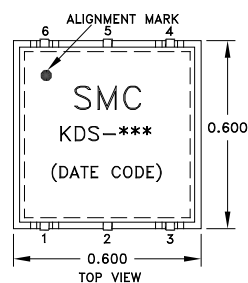
- ▶ Cost Effective
- ▶ Low Loss
- ▶ Small Size, Surface Mount
- ▶ Lead Free Patented REL-PRO® Technology



SPECIFICATIONS (Rev. A 04/30/12)

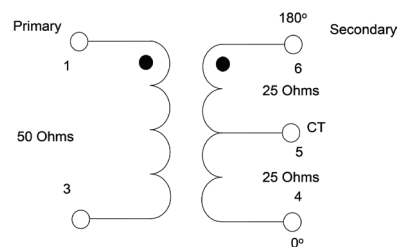
Frequency	30 - 600 MHz		
Impedance Ratio	1:1		
Insertion Loss (dB)	Frequency (MHz)	Typ.	Max.
	30 - 150	0.5	0.75
	150 - 600	0.9	1.25
Amplitude Unbalance	0.4 dB (Typ.)		
Phase Unbalance	6° (Typ.)		
Input Power	25 Watt (CW)		
Input Impedance	50 Ohms (Nom.)		
DC Current @ Center Tap	0.5 A (Max.)		
VSWR	Frequency (MHz)		
	30 - 150	1.25:1 (Typ.)	
	150 - 600	1.35:1 (Typ.)	
Operating Temperature Range	-55 to +85 °C		
Storage Temperature Range	-55 to +100 °C		

Package # 255-1



PORT LOCATION

Pri. Input	Pri.	Sec. Output 0°	Sec. Output 180°	Sec. Center Tap	GND.
1	3	4	6	5	2



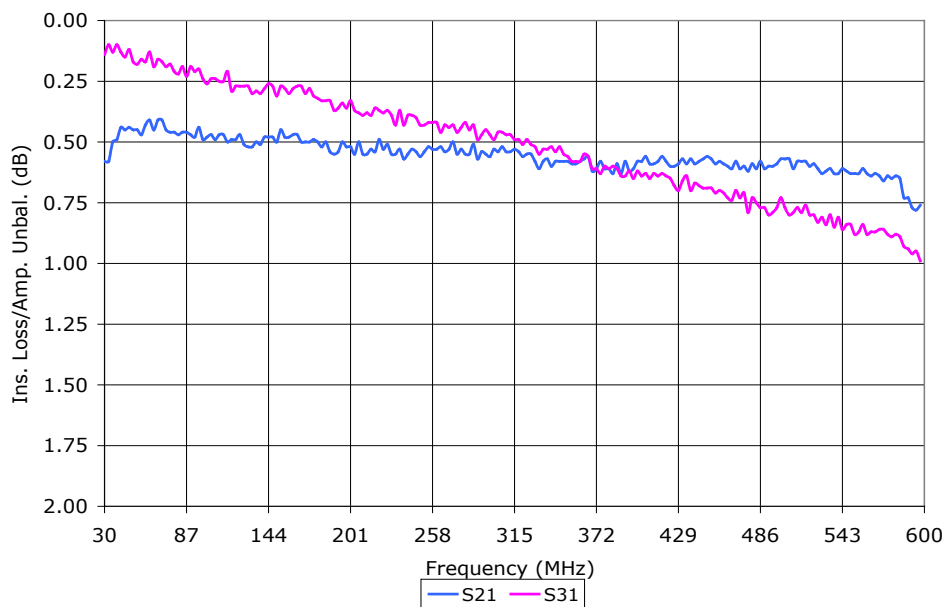
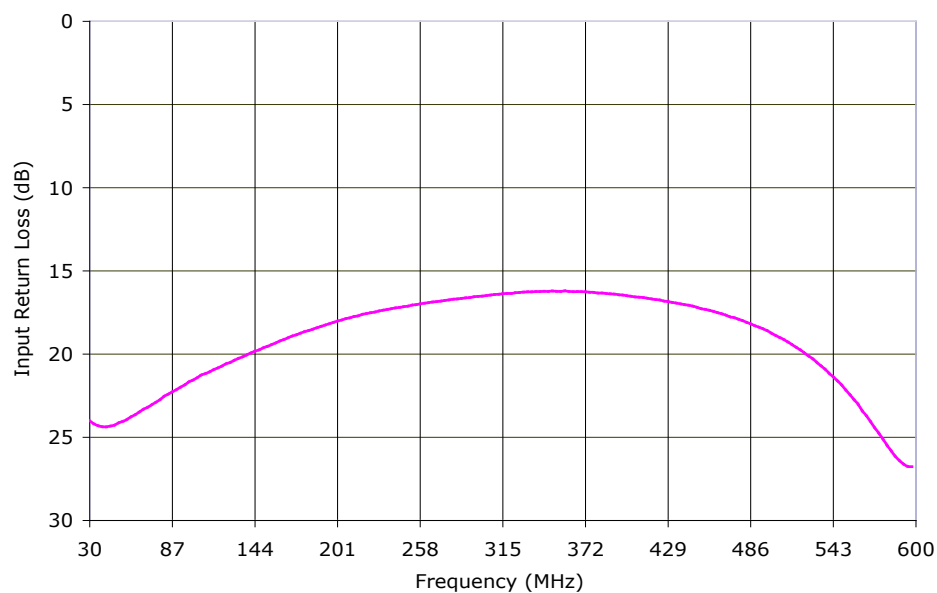
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Data @ 25°C



PERFORMANCE PLOTS

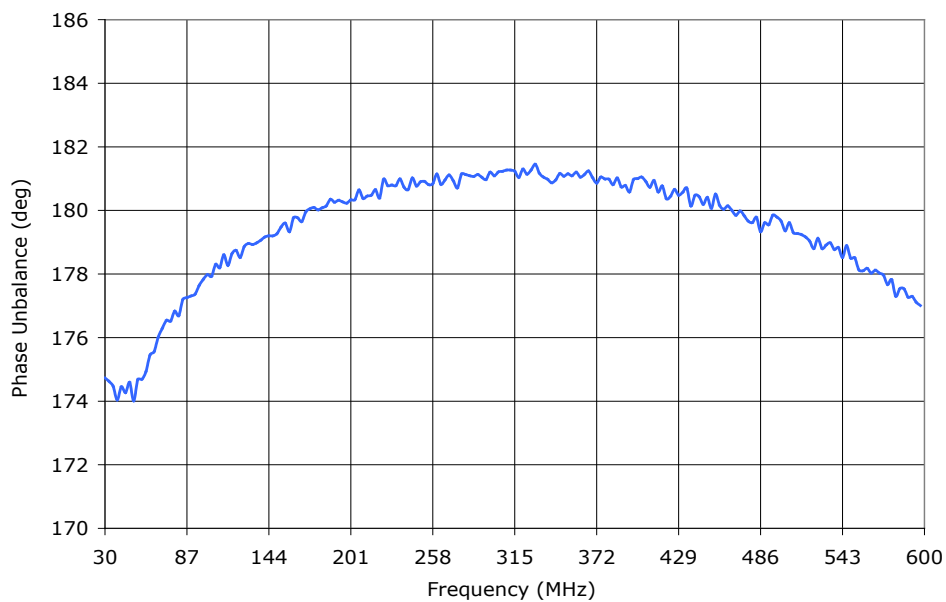
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