

RF IMPEDANCE TRANSFORMER

SURFACE MOUNT MODEL: TM1-0

WIDE BANDWIDTH

0.30 - 1000 MHz

FEATURES:

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



Part Identifier:
White Dot

SPECIFICATIONS (Rev. B 12/23/10)

Frequency	0.30 - 1000 MHz		
Impedance Ratio	1:1		
Insertion Loss (dB) *	Frequency (MHz)	Typ.	Max.
	5 - 50	0.6	1.0
	3 - 250	1.25	1.7
	0.3 - 1000	2.5	3.4
Amplitude Unbalance	0.75 (Typ.)		
Phase Unbalance	10° (Typ.)		
Return Loss	16 dB (Typ.)		
Input Power	0.25 Watt (Max.)		
Input Impedance	50 Ohms (Nom.)		
DC Current	30 mA (Max.)		
Operating Temperature Range	-40 to +85 °C		
Storage Temperature Range	-55 to +100 °C		
* Plot excludes 3 dB Split Loss			

Package # 311

REL-PRO® Patent No. 7,612,296

PACKAGE MOUNTING: SEE APPLICATION NOTES AN7200 & AN7301

PORT LOCATION			
Pri. Dot	Pri.	Sec. Dot	Sec.
6	4	1	3

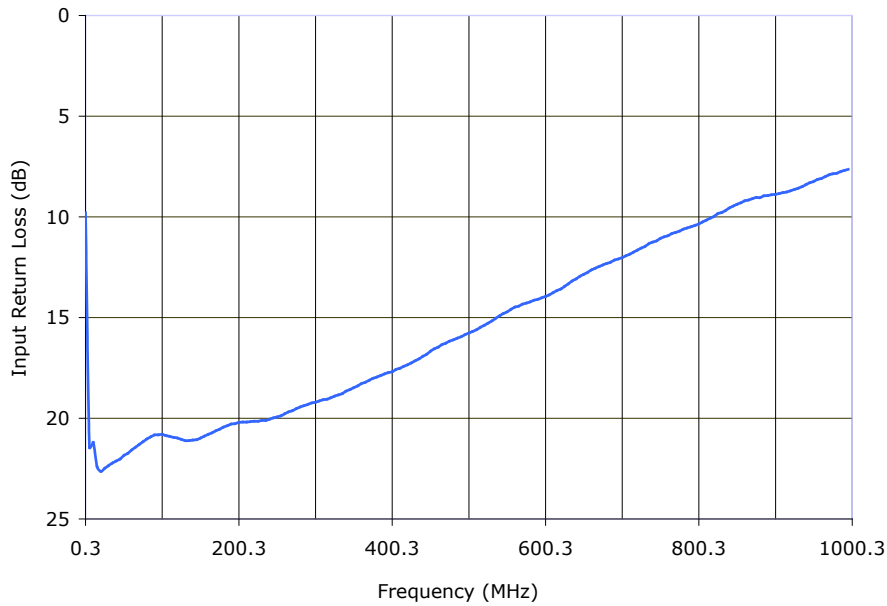
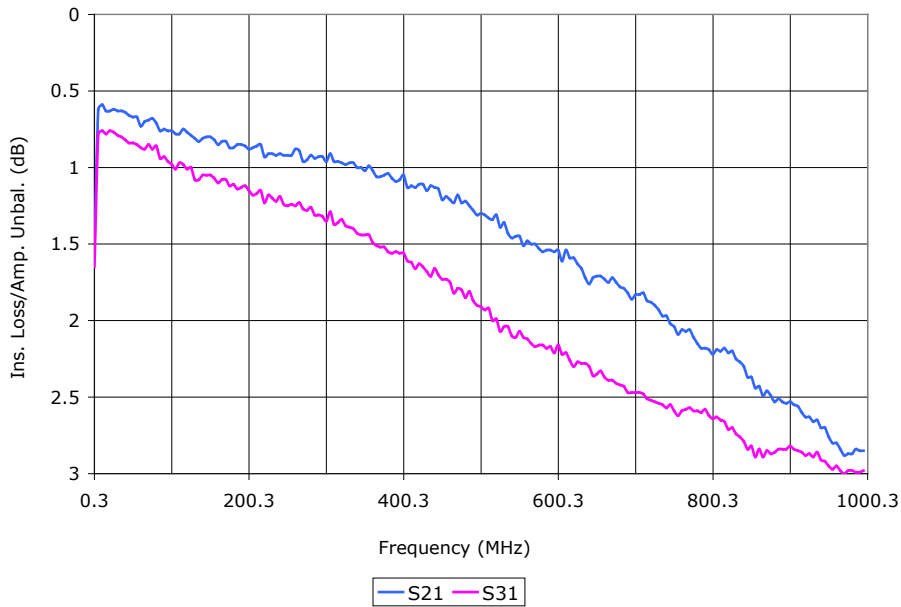
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PERFORMANCE PLOTS



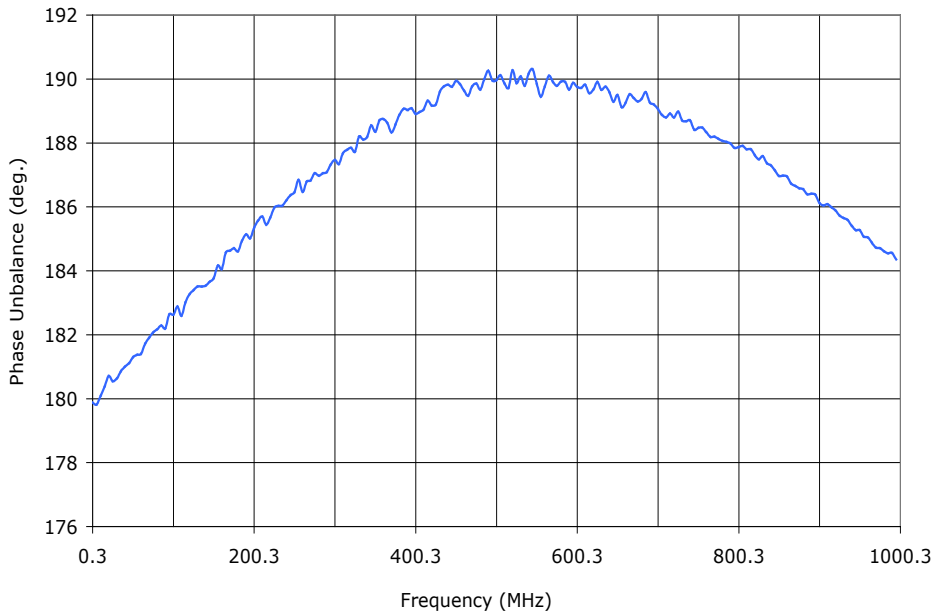
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