

# RF IMPEDANCE TRANSFORMER

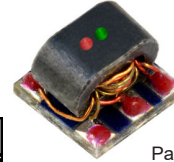
## SURFACE MOUNT MODEL: TM2-1

WIDE BANDWIDTH

1 - 600 MHz

**FEATURES:**

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



Part Identifier:  
Red & Green Dot

**SPECIFICATIONS (Rev. C 02/14/22)**

Frequency	1 - 600 MHz		
Impedance Ratio	1:2		
Insertion Loss (dB) *	Frequency (MHz)	Typ.	Max.
	1 - 100	0.7	1.0
	100 - 300	0.8	1.2
	300 - 600	1.0	2.0
Amplitude Unbalance	1.2 dB (Typ.)		
Phase Unbalance	1.5° (Typ.)		
Return Loss	15 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.	Sec. CT
6	4	1	3	2

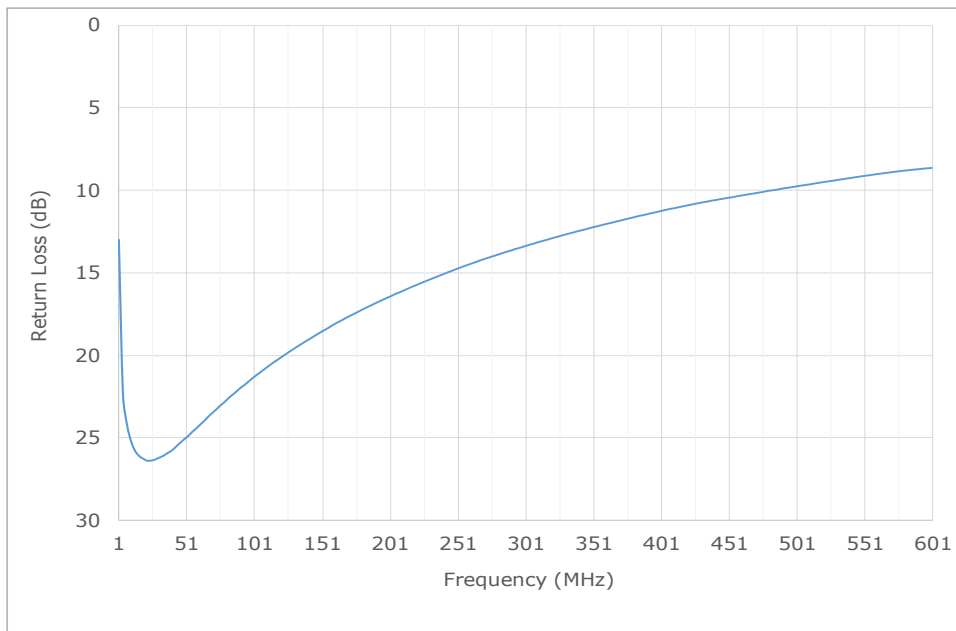
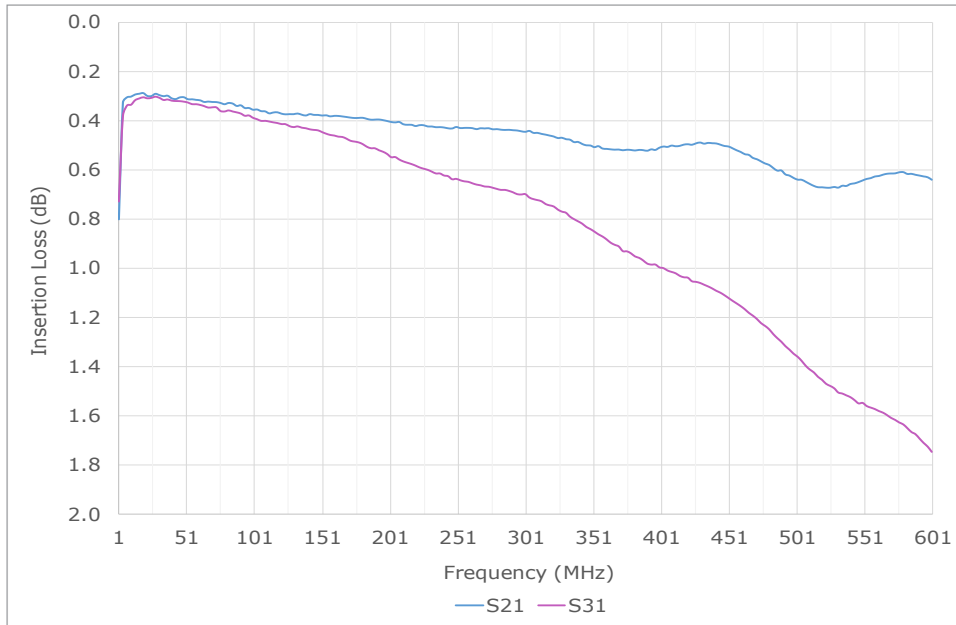
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Data @ 25°C



PERFORMANCE PLOTS

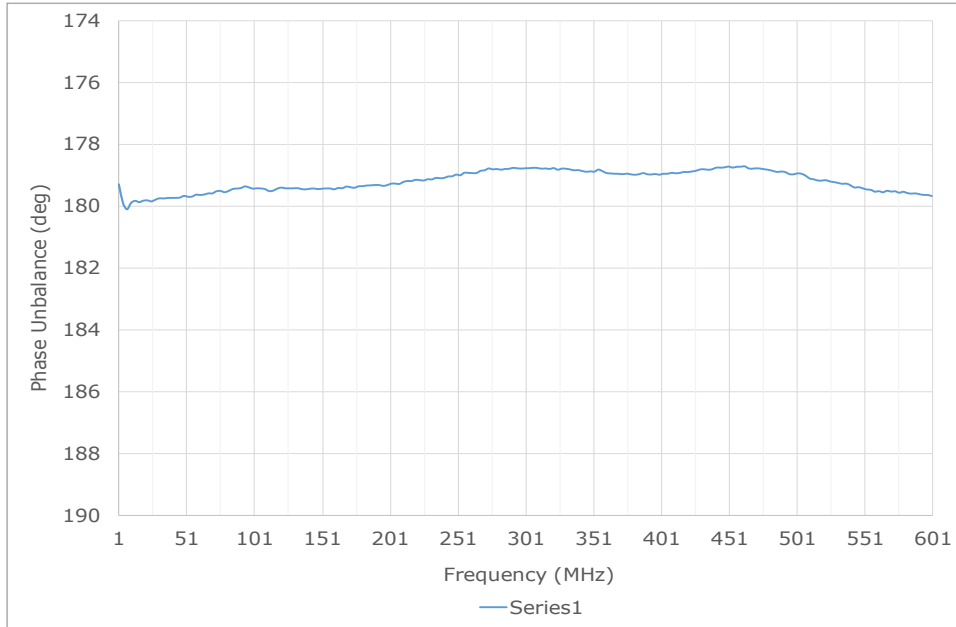


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