

# RF IMPEDANCE TRANSFORMER

## SURFACE MOUNT MODEL: TM4-1

**WIDE BANDWIDTH**

**10 - 1000 MHz**

**FEATURES:**

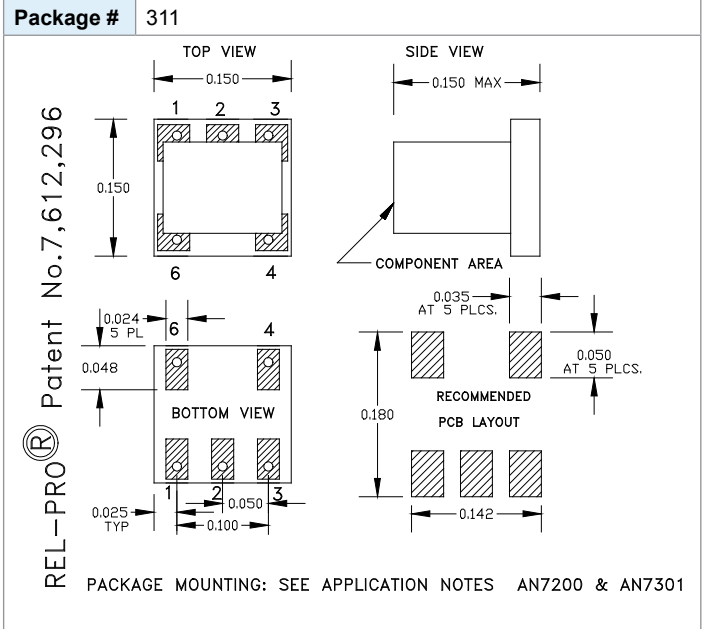
- ▶ Cost Effective
- ▶ Low Loss
- ▶ Small Size, Surface Mount
- ▶ Lead Free Patented REL-PRO® Technology



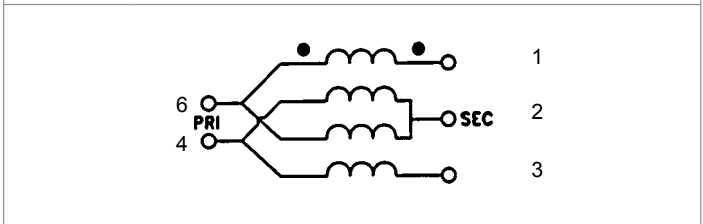
Part Identifier:  
Red & Yellow Dot

**SPECIFICATIONS (Rev. G 12/23/10)**

Frequency	10 - 1000 MHz		
Impedance Ratio	1:4		
Insertion Loss (dB) *	Frequency (MHz)	Typ.	Max.
	10 - 100	1.8	2.7
	100 - 500	1.9	2.5
	500 - 1000	2.0	2.6
Amplitude Unbalance	0.4 dB (Typ.)		
Phase Unbalance	±4° (Typ.)		
Return Loss	14 dB (Typ.)		
Input Power	0.5 Watt (Max.)		
DC Current	30 mA (Max.)		
Input Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		
Storage Temperature Range	-55 to +100 °C		
* Plot excludes 3 dB Split Loss			



PORT LOCATION				
Pri. Dot	Pri.	Sec. Dot	Sec.	Sec. CT
6	4	1	3	2



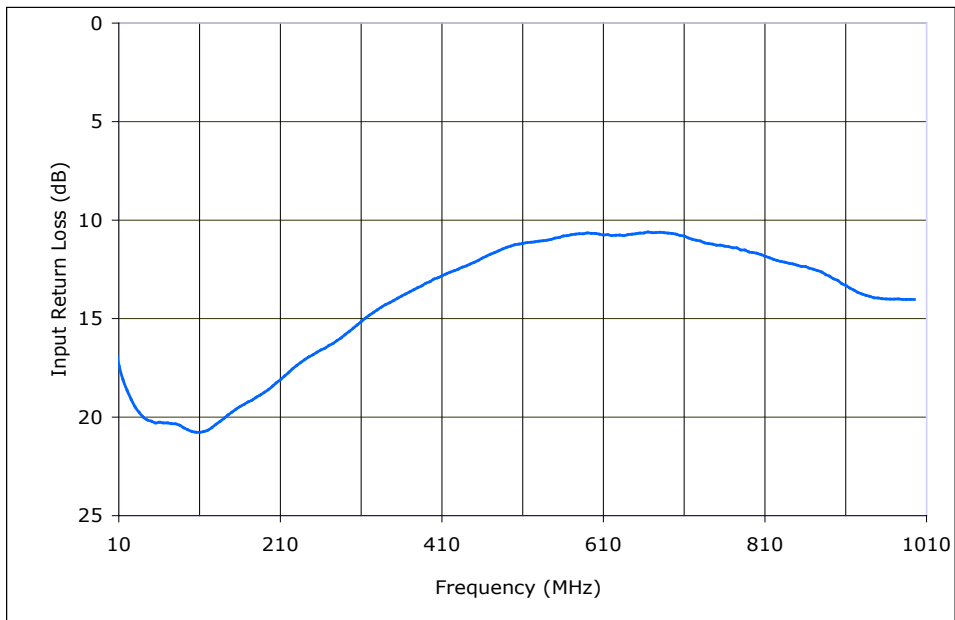
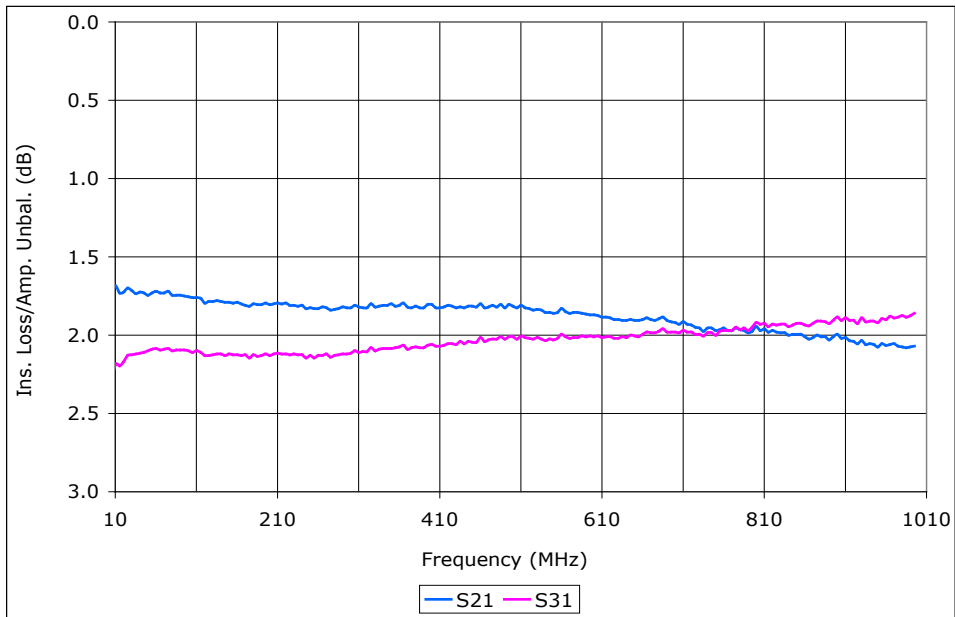
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Data @ 25°C



PERFORMANCE PLOTS



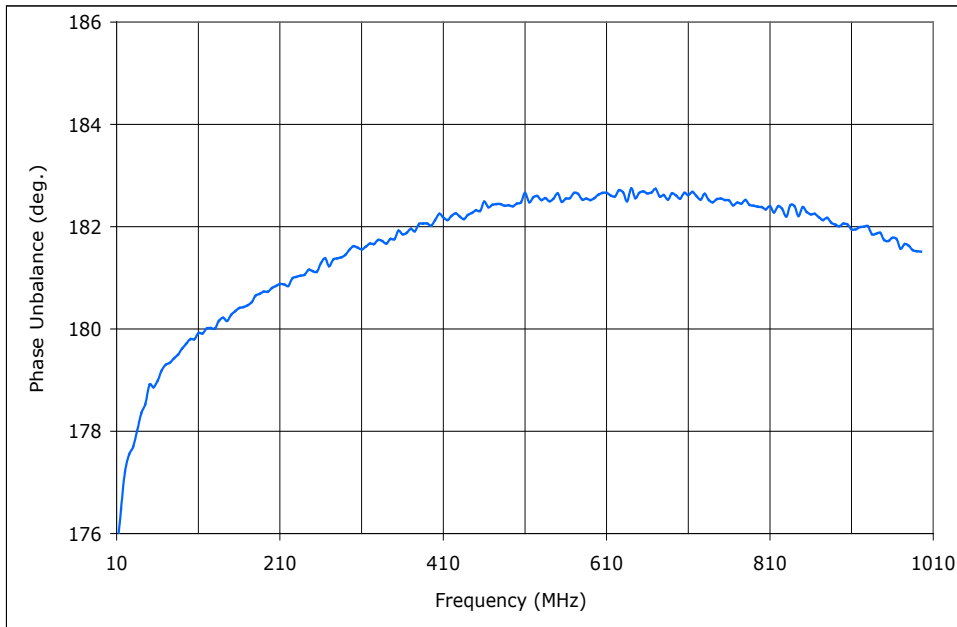
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