

RF IMPEDANCE TRANSFORMER

SURFACE MOUNT MODEL: TM4-1

WIDE BANDWIDTH

10 - 1000 MHz

FEATURES:

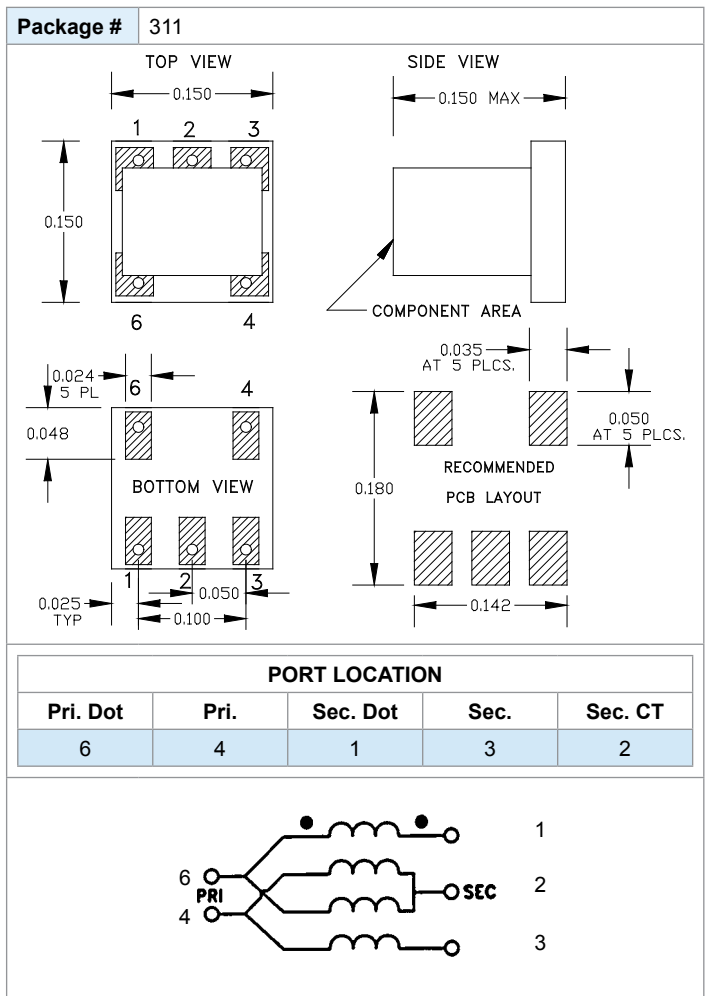
- ▶ Cost Effective
- ▶ Low Loss
- ▶ Small Size, Surface Mount
- ▶ RoHS Compliant
- ▶ Lead Free REL-PRO® Technology



Part Identifier:
Red & Yellow Dot

SPECIFICATIONS (Rev. F 06/19/07)

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		
<i>* Plot excludes 3 dB Split Loss</i>			



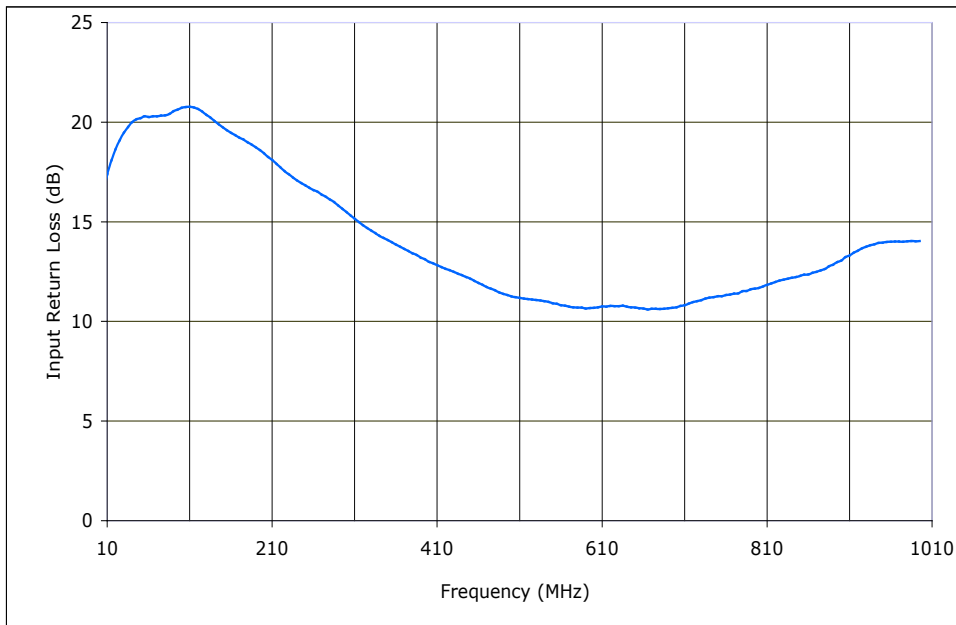
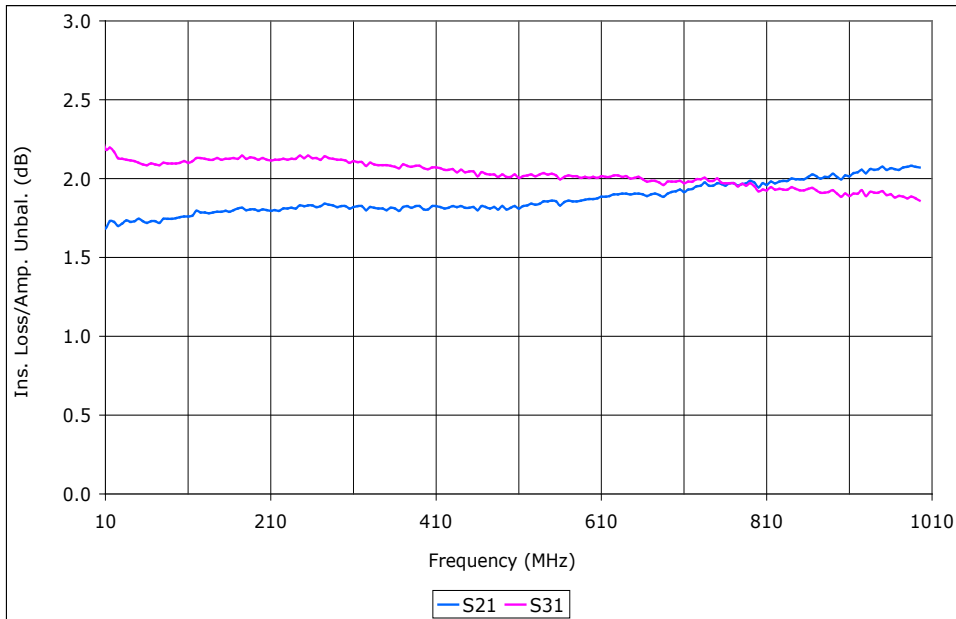
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Data @ 25°C



PERFORMANCE PLOTS



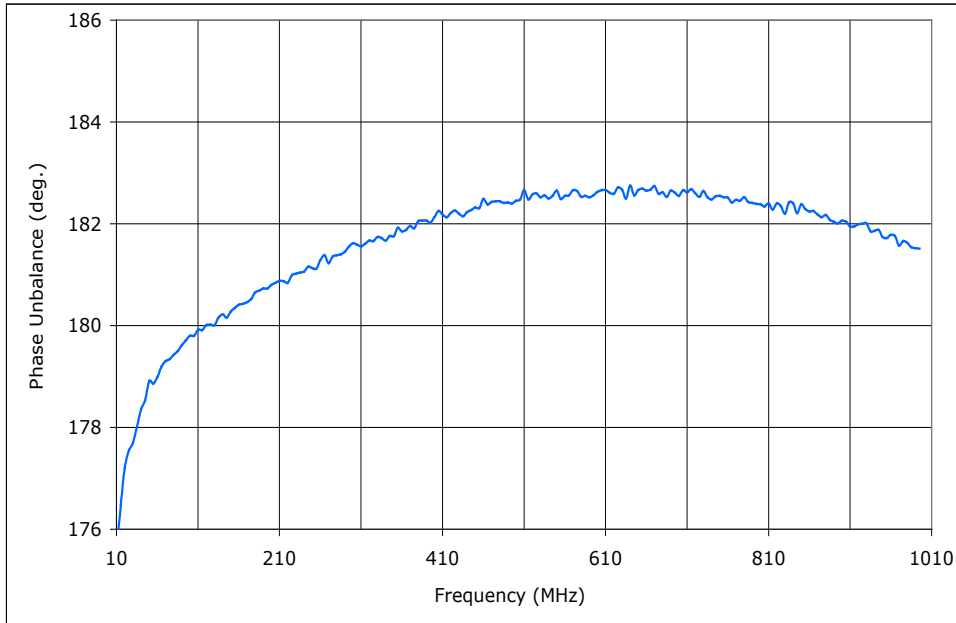
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PERFORMANCE PLOTS



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