

# RF IMPEDANCE TRANSFORMER

## SURFACE MOUNT MODEL: TM2-1

WIDE BANDWIDTH

1 - 600 MHz

**FEATURES:**

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



Part Identifier:  
Red & Green Dot

**SPECIFICATIONS (Rev. A 06/19/07)**

Frequency	1 - 600 MHz												
Impedance Ratio	1:2												
Insertion Loss (dB) *	<table border="1"> <tr> <th>Frequency (MHz)</th> <th>Typ.</th> <th>Max.</th> </tr> <tr> <td>1 - 100</td> <td>0.7</td> <td>1.0</td> </tr> <tr> <td>100 - 300</td> <td>0.8</td> <td>1.2</td> </tr> <tr> <td>300 - 600</td> <td>0.5</td> <td>1.0</td> </tr> </table>	Frequency (MHz)	Typ.	Max.	1 - 100	0.7	1.0	100 - 300	0.8	1.2	300 - 600	0.5	1.0
	Frequency (MHz)	Typ.	Max.										
	1 - 100	0.7	1.0										
100 - 300	0.8	1.2											
300 - 600	0.5	1.0											
Amplitude Unbalance	0.6 dB (Typ.)												
Phase Unbalance	8° (Typ.)												
Return Loss	20 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**

**PORT LOCATION**

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



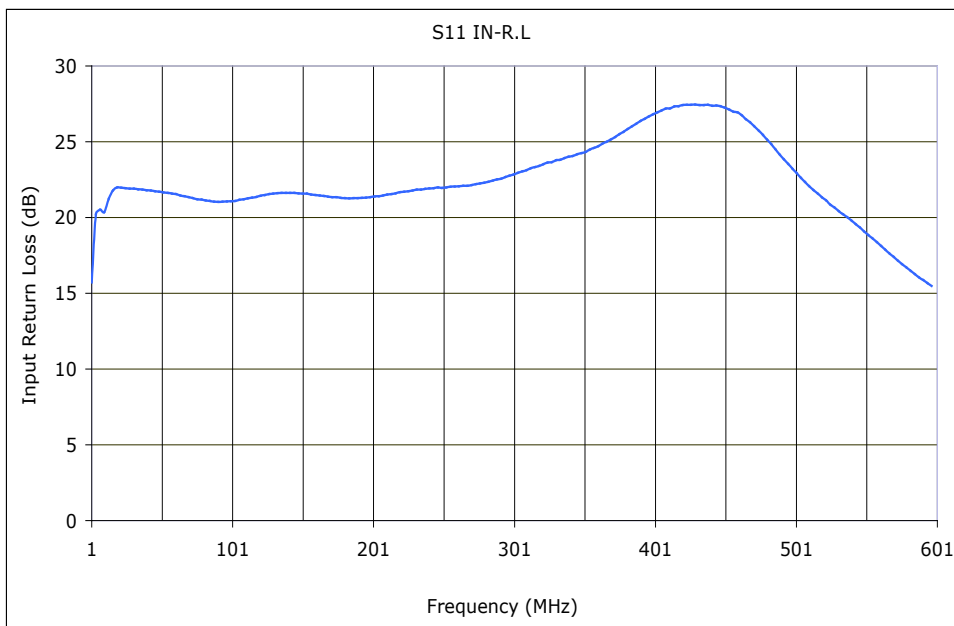
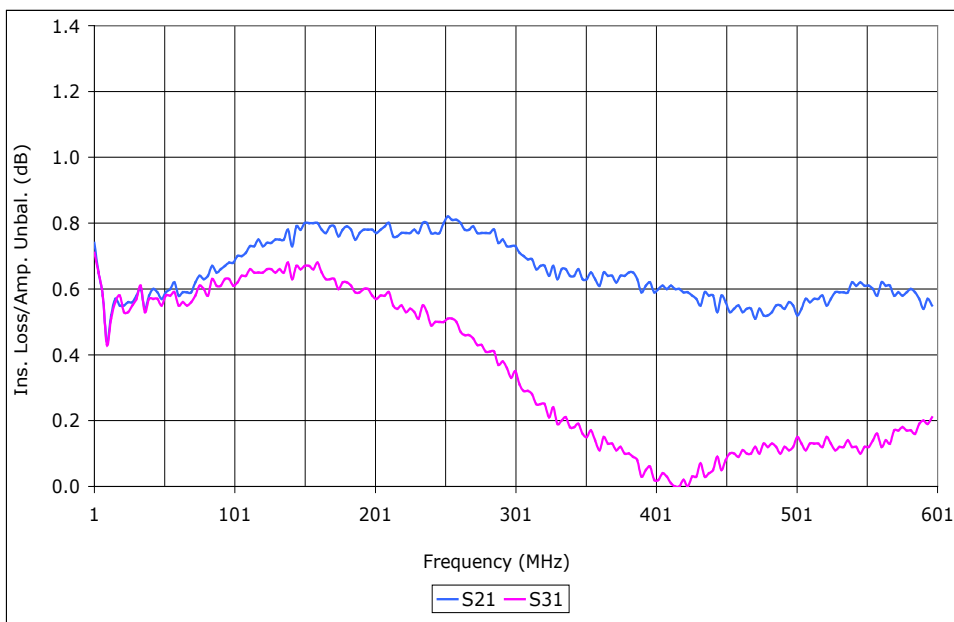
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Data @ 25°C



PERFORMANCE PLOTS

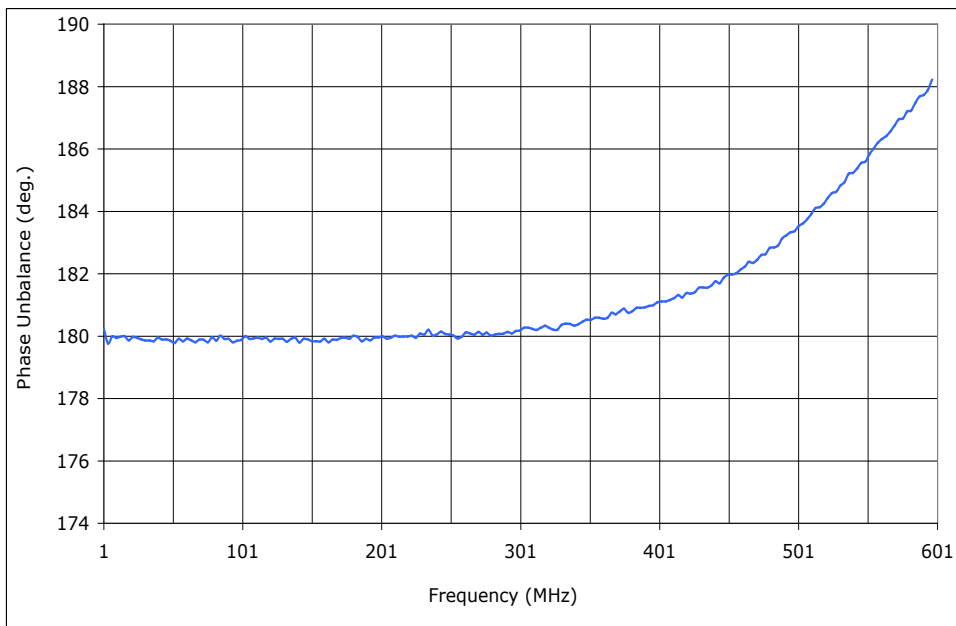
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