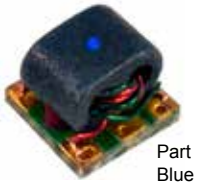
RF IMPEDANCE TRANSFORMER
SURFACE MOUNT MODEL: TM1-6

WIDE BANDWIDTH — 5 - 3000 MHz

FEATURES:

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



Part Identifier:
Blue Dot

SPECIFICATIONS (Rev. C 03/23/11)

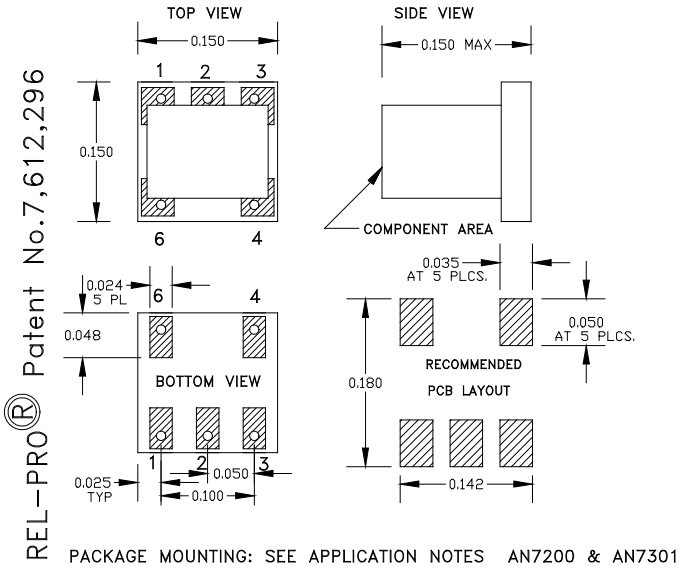
Frequency	5 - 3000 MHz
Impedance Ratio	1:1
Insertion Loss (dB) *	

Frequency (MHz)	Typ.	Max.
5 - 1000	0.7	1.2
1000 - 2000	1.0	1.8
2000 - 3000	1.5	2.5

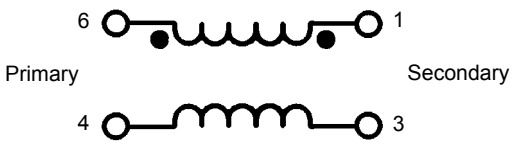
Amplitude Unbalance	0.5 dB (Typ.)
Phase Unbalance	±5° (Typ.)
Return Loss	15 dB (Typ.)
Input Power	0.25 Watt (Max.)
DC Current	30 mA (Max.)
Input Impedance	50 Ohms (Nom.)
Operating Temperature Range	-40 to +85 °C
Storage Temperature Range	-55 to +100 °C

**** Plot excludes 3 dB Split Loss***

Package # 311



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



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E-Mail: sales@synergymwave.com • World Wide Web: http://www.synergymwave.com

SYNERGY® MICROWAVE CORPORATION

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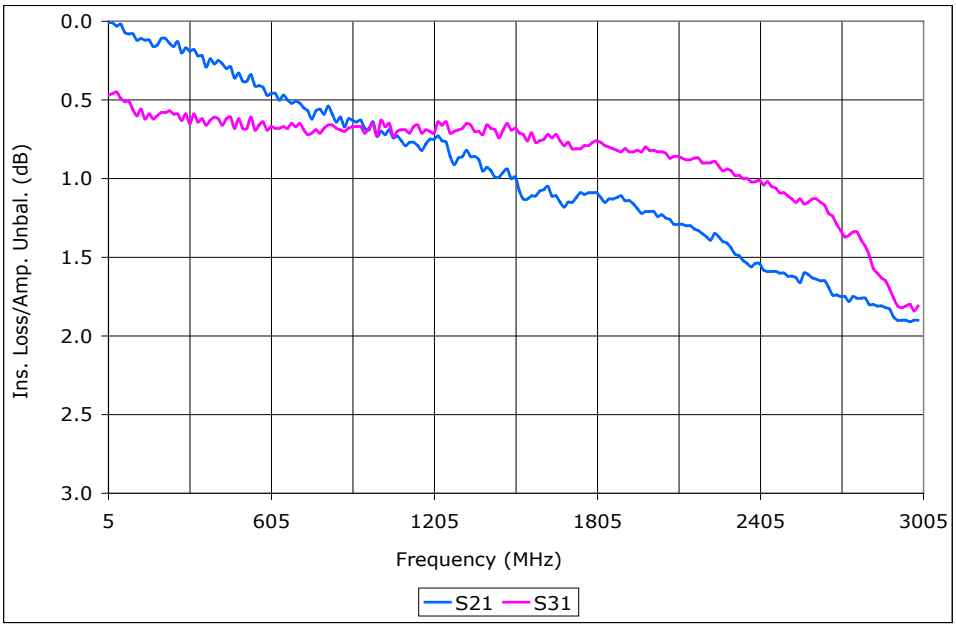
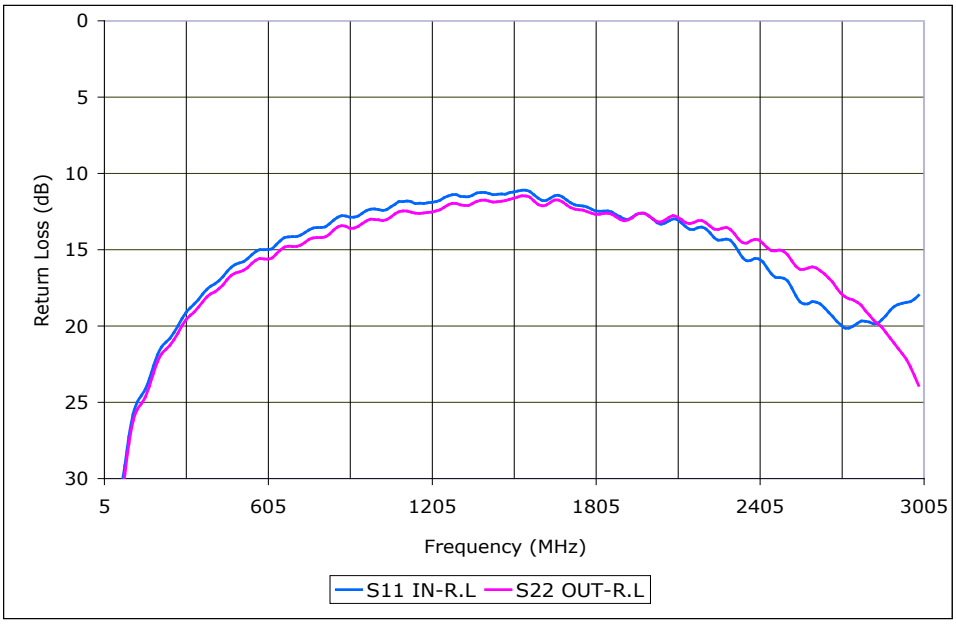
SURFACE MOUNT MODEL: TM1-6

WIDE BANDWIDTH **5 - 3000 MHz**

Data @ 25ºC

PERFORMANCE PLOTS





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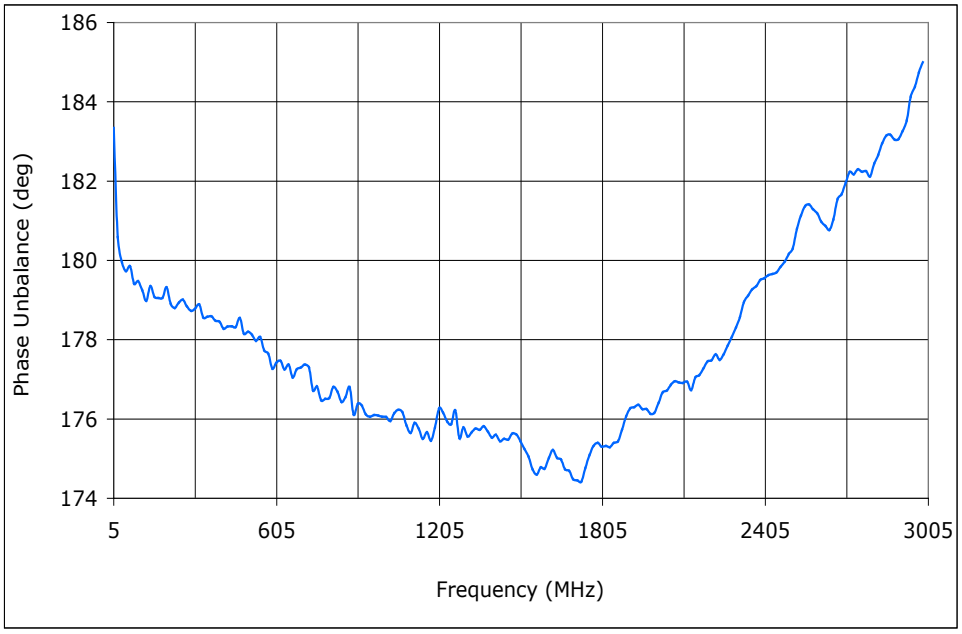

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