

# RF IMPEDANCE TRANSFORMER

## SURFACE MOUNT MODEL: TM8-GT

WIDE BANDWIDTH

5 - 1000 MHz

### FEATURES:

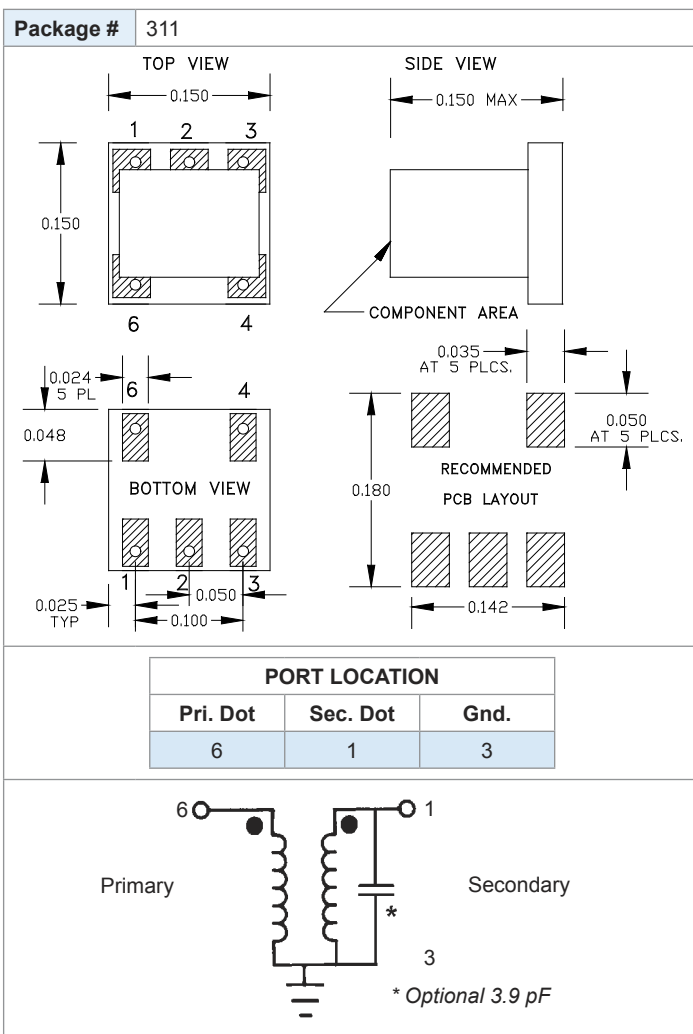
- ▶ Cost Effective
- ▶ Low Loss
- ▶ Small Size, Surface Mount
- ▶ RoHS Compliant
- ▶ Lead Free REL-PRO® Technology



Part Identifier:  
Green & Yellow Dot

### SPECIFICATIONS (Rev. A 05/14/07)

|                             |                 |      |      |
|-----------------------------|-----------------|------|------|
| Frequency                   | 5 - 1000 MHz    |      |      |
| Impedance Ratio             | 8:1             |      |      |
| Insertion Loss (dB)         | Frequency (MHz) | Typ. | Max. |
|                             | 5 - 50          | 0.7  | 1.0  |
|                             | 50 - 500        | 1.6  | 2.0  |
|                             | 500 - 1000      | 1.6  | 2.2  |
| Return Loss                 | 12 dB (Typ.) *  |      |      |
| Input Power                 | 0.5 Watt (Max.) |      |      |
| Input Impedance             | 50 Ohms (Nom.)  |      |      |
| Operating Temperature Range | -40 to +85 °C   |      |      |
| Storage Temperature Range   | -55 to +100 °C  |      |      |
| * <i>With optional cap.</i> |                 |      |      |



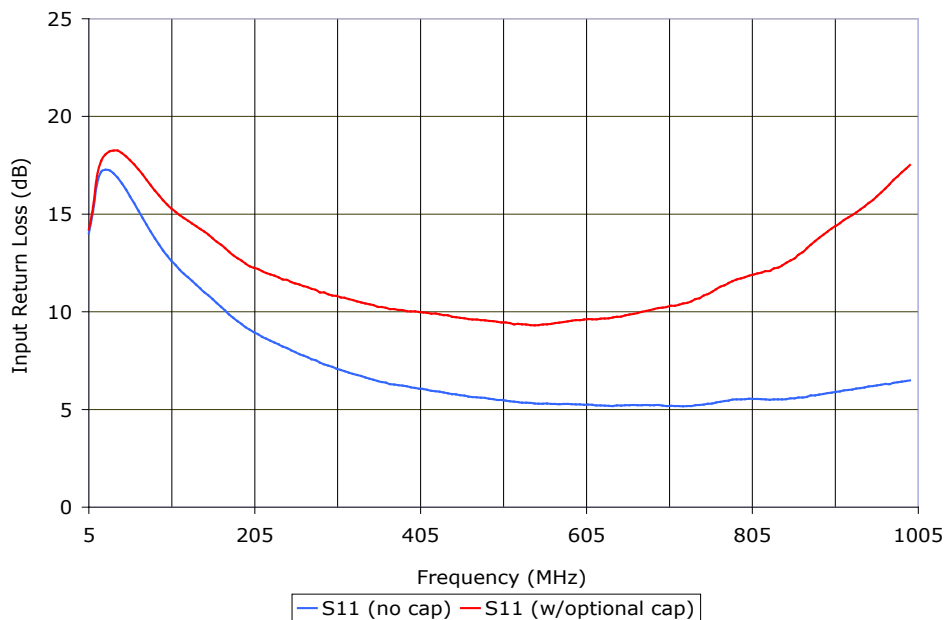
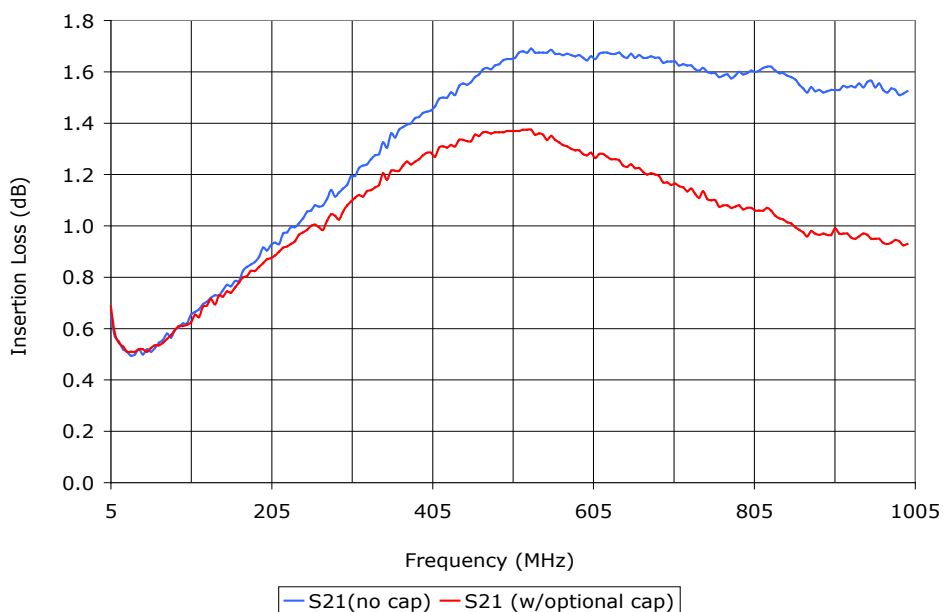
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Data @ 25°C



PERFORMANCE PLOTS