

RF IMPEDANCE TRANSFORMER

SURFACE MOUNT MODEL: TM1-2

WIDE BANDWIDTH

20 - 1200 MHz

FEATURES:

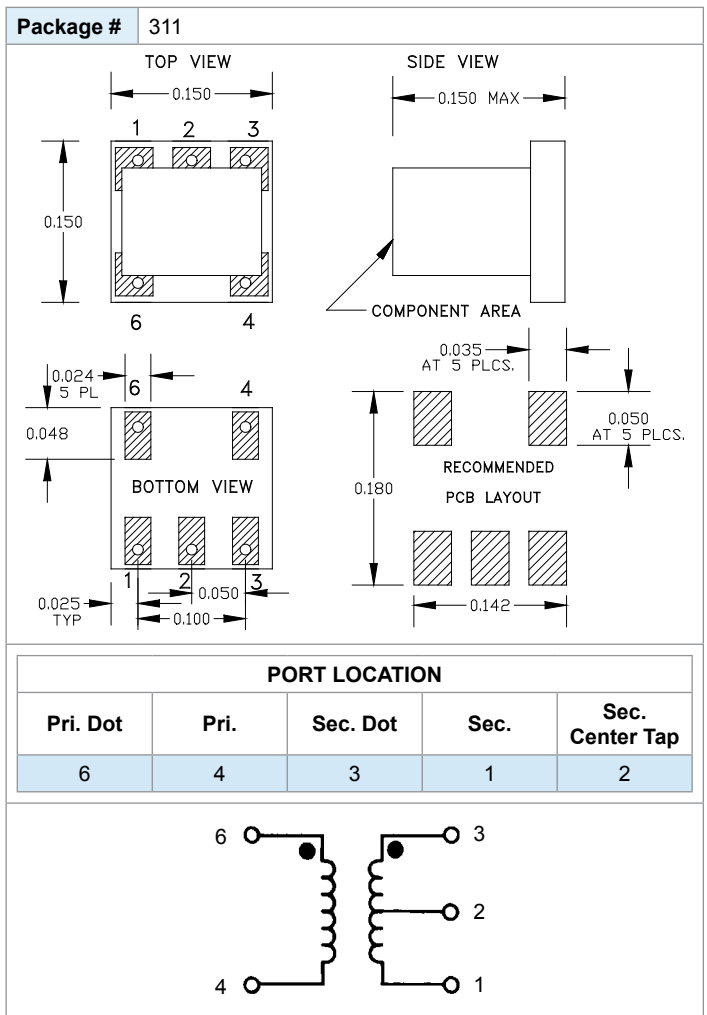
- ▶ Cost Effective
- ▶ Low Loss
- ▶ Small Size, Surface Mount
- ▶ RoHS Compliant
- ▶ Lead Free REL-PRO® Technology



Part Identifier:
Green Dot

SPECIFICATIONS (Rev. A 05/01/08)

| | | | |
|------------------------------------|------------------|--------|--------|
| Frequency | 20 - 1200 MHz | | |
| Impedance Ratio | 1:1 | | |
| Insertion Loss (dB) * | Freq. (MHz) | (Typ.) | (Max.) |
| | 100 - 350 | 1.1 | 1.6 |
| | 20 - 1200 | 1.2 | 1.7 |
| Amplitude Unbalance | 0.6 dB (Typ.) | | |
| Phase Unbalance | 8° (Typ.) | | |
| Return Loss | 12 dB (Typ.) | | |
| Input Power | 0.25 Watt (Max.) | | |
| DC Current | 30 mA (Max.) | | |
| Impedance | 50 Ohms (Nom.) | | |
| Operating Temperature Range | -40 to +85 °C | | |
| Storage Temperature Range | -55 to +100 °C | | |
| * Plot excludes 3 dB split loss | | | |



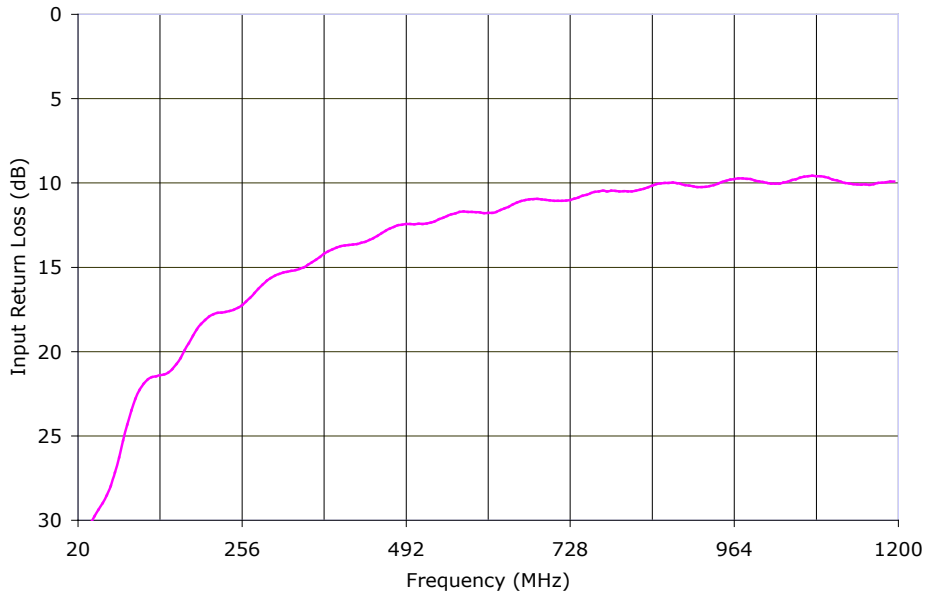
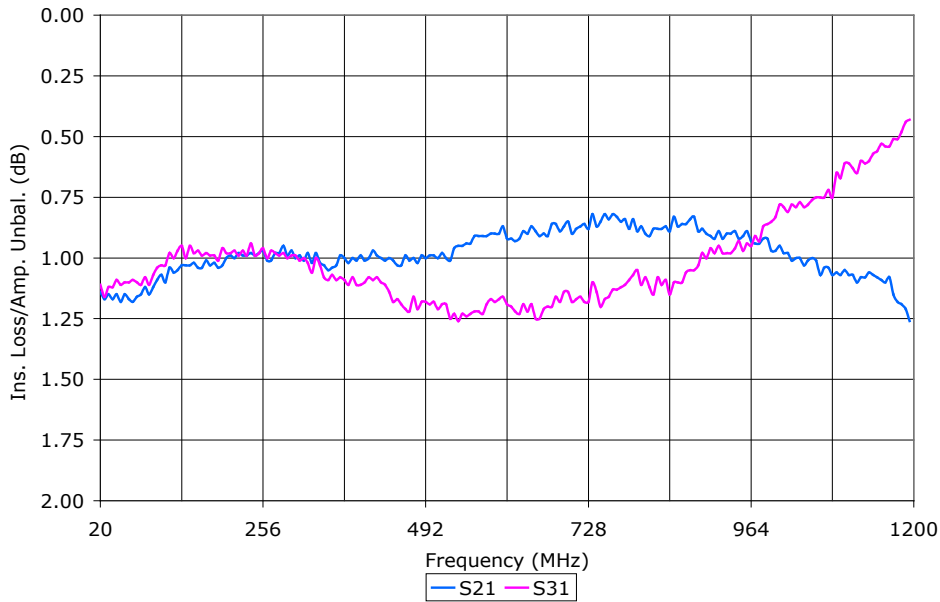
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PERFORMANCE PLOTS



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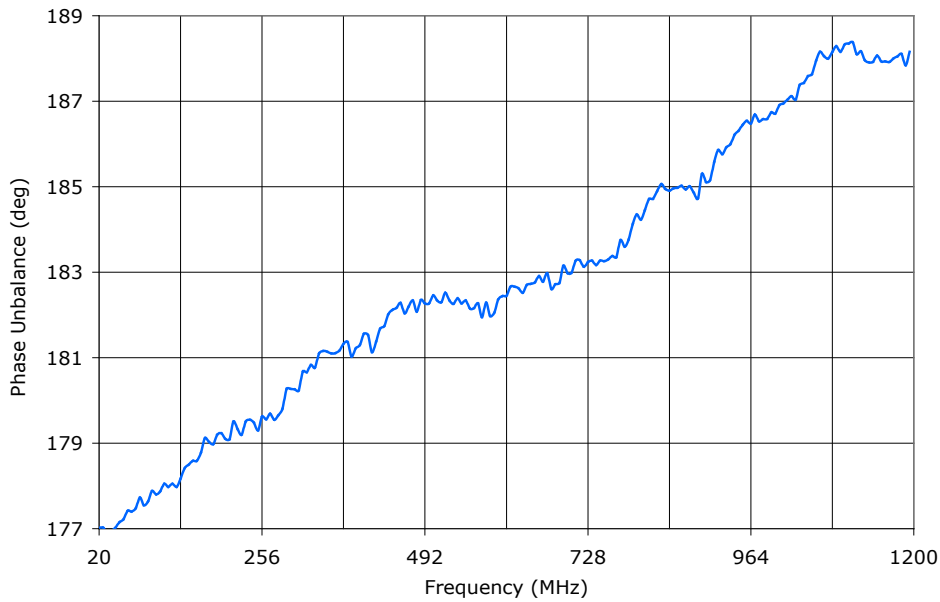
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RF IMPEDANCE TRANSFORMER SURFACE MOUNT MODEL: TM1-2

WIDE BANDWIDTH

20 - 1200 MHz



PERFORMANCE PLOTS



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