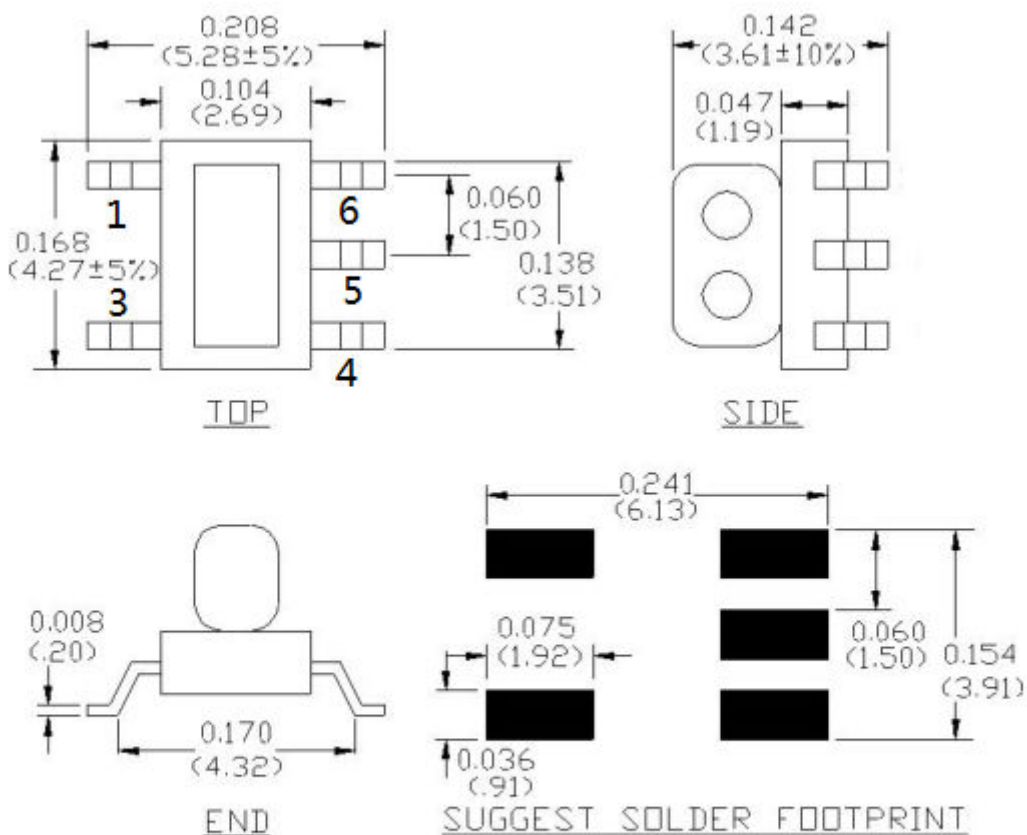
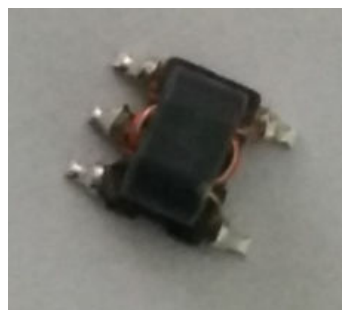


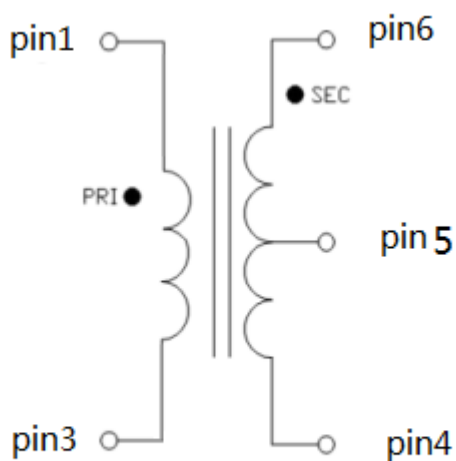
Outline drawing

Feature:

- 1.5:1 Impedance
- SMT part
- Lead free solder
- Reel quantity 2000
- RoHS*



Dimensions in inches [mm] Tolerance: .xx ± .02, .xxx ± .010, unless otherwise stated



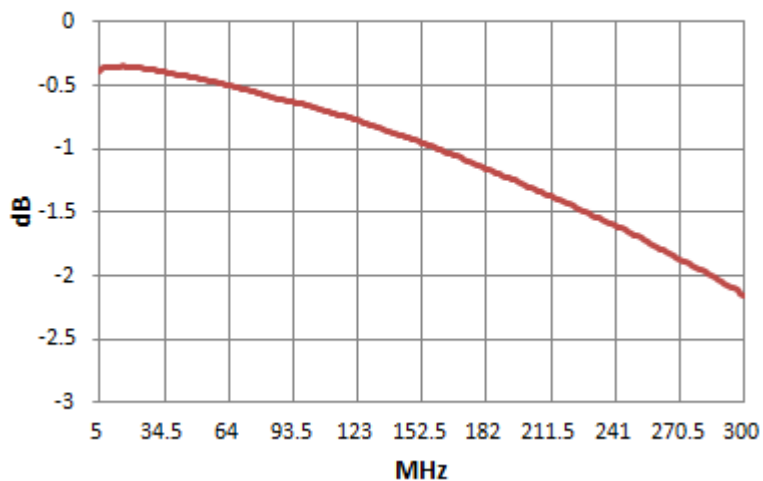
SCHEMATIC

PIN CONFIGURATION

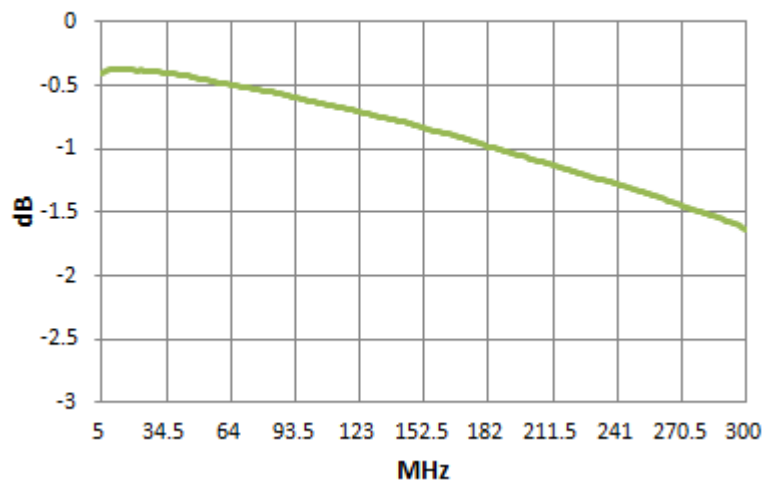
PIN	FUNCTION
1	Primary DOT
3	Primary
4	Secondary
5	Secondary CT
6	Secondary dot

Electrical Specifications: TA=25°C, Zo=75Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss Pin1-6	5-50MHz	dB	----	----	0.6
	50-85MHz	dB	----	----	0.7
	85-150MHz	dB	----	----	1.5
	150-300MHz	dB	----	----	2.5
Insertion Loss Pin1-4	5-50MHz	dB	----	----	0.6
	50-85MHz	dB	----	----	0.7
	85-150MHz	dB	----	----	1.4
	150-300MHz	dB	----	----	2.2
Phase Balance	5-50MHz	Degree	----	----	±2 °
	50-300MHz	Degree	----	----	±3 °
Amplitude Balance	5-50MHz	dB	----	----	±0.2
	50-85MHz	dB	----	----	±0.3
	85-205MHz	dB	----	----	±0.5
	205-300MHz	dB	----	----	±0.7
Input Return Loss	5-50MHz	dB	20	----	----
	50-85MHz	dB	15	----	----
	85-205MHz	dB	8	----	----
	205-300MHz	dB	6	----	----
RF Power Rating (max)		500mW			
DC Current Rating (max)		500mA			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-55°C to +125°C			

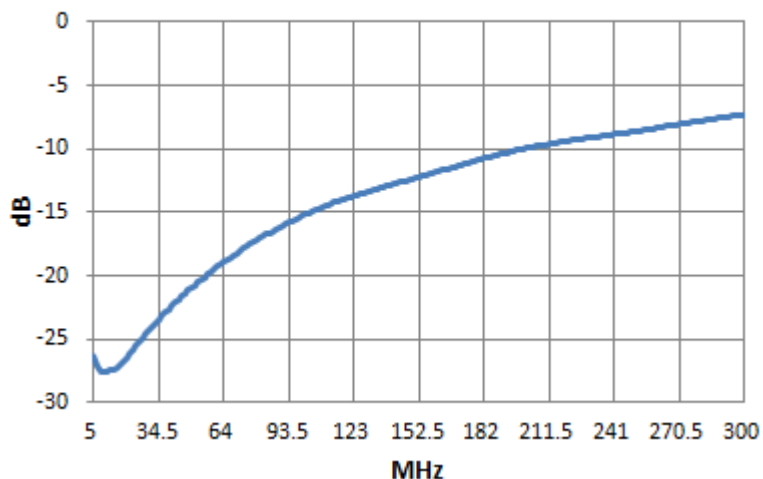
Insertion Loss pin1-6



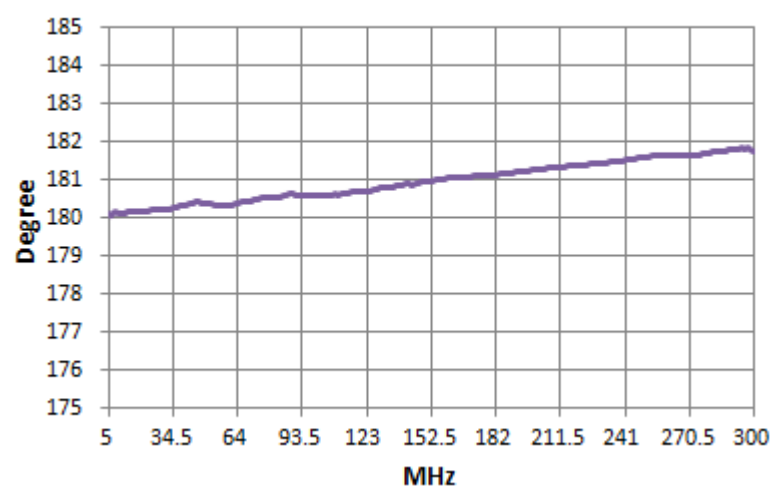
Insertion Loss pin1-4



Input Return Loss



Phase



Amplitude

