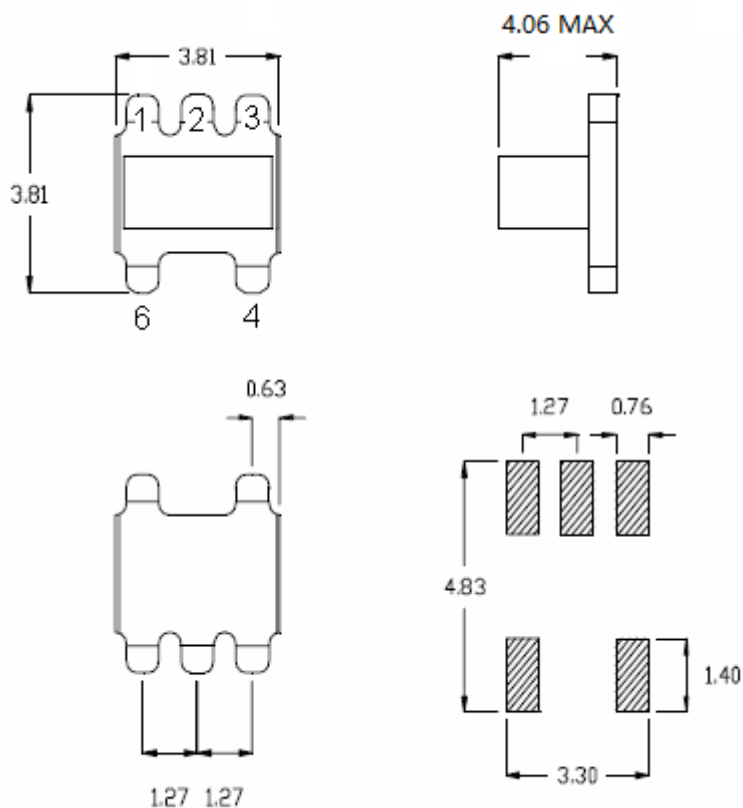


Outline drawing

Feature:

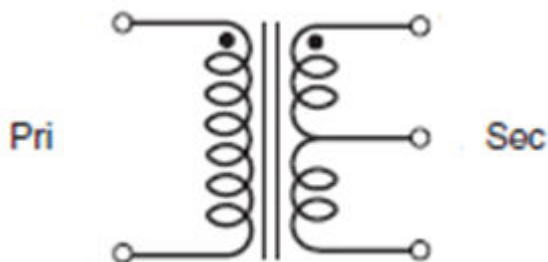
. 1:2 Impedance

- SMT part
- 260°C reflow compatible
- RoHS* compliant
- welding connect

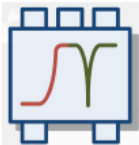


Dimensions in mm.

Tolerance: ± 0.2 mm unless otherwise noted.



SCHEMATIC



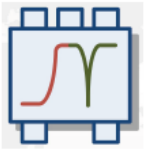
APPLICATIONS

- Impedance matching
- Balanced to unbalanced transformation
- Push-pull amplifier

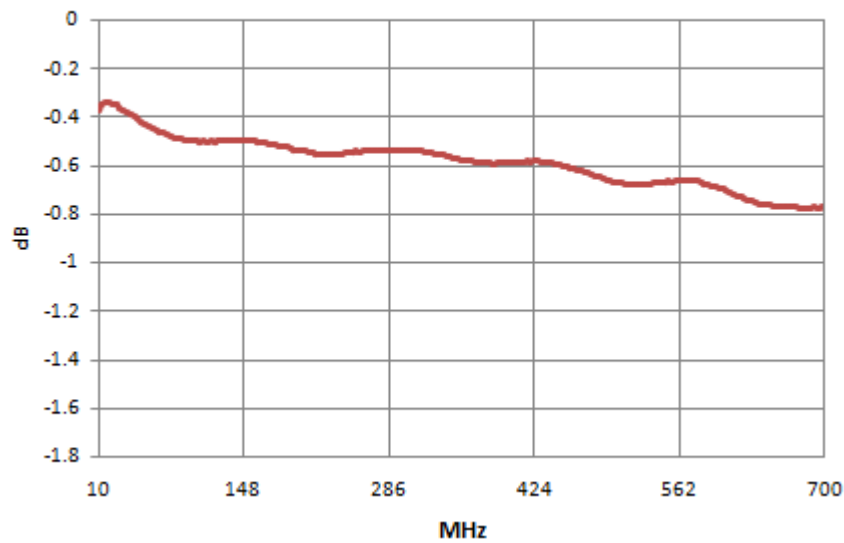
PIN CONFIGURATION

PIN	FUNCTION
1	SECONDARY DOT
2	SECONDARY CT
3	SECONDARY
4	PRIMARY
6	PRIMARY DOT

Electrical Specifications: TA=25°C, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss	10-400MHz	dB	---	0.4	1.3
	400-700MHz	dB	---	0.9	1.8
Input return loss	0.3-500MHz	dB	10	20	
Phase	10-400MHz	Degree		±1.5°	±7.0 °
	400-700MHz	Degree		±2.25°	±9.0 °
Amplitude	10-400MHz	dB		±0.5	±0.8
	400-700MHz	dB		±1.3	±2.0
RF Power Rating (max)		250mw			
DC Current Rating (max)		30mA			
Test Impedance (50Ω, 75Ω, etc.)		50OHM			
Operating Temperature		-40°C to 85°C			
Storage Temperature		-55°C to 100°C			



Insertion Loss



Input Return Loss

