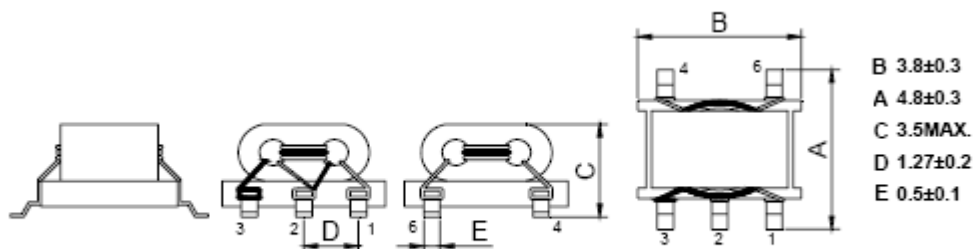


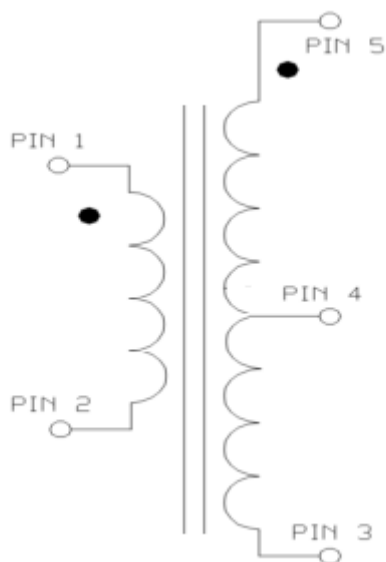
Outline drawing

Feature:

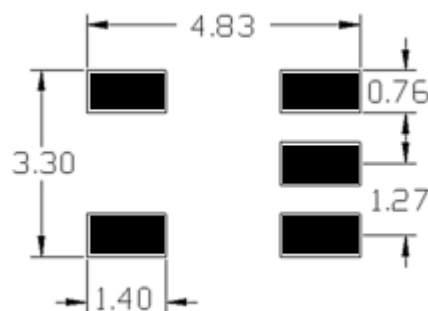
- 1:6 Impedance.
- SMT part.
- 2000PCS per reel.
- Lead free solder.
- RoHS compliant*



*Dimension does not including soldering tags



SCHEMATIC



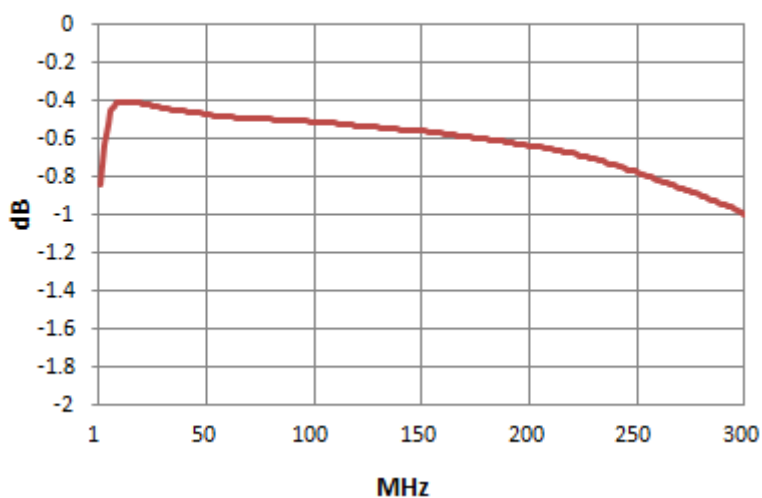
suggest pcb layout

PIN CONFIGURATION

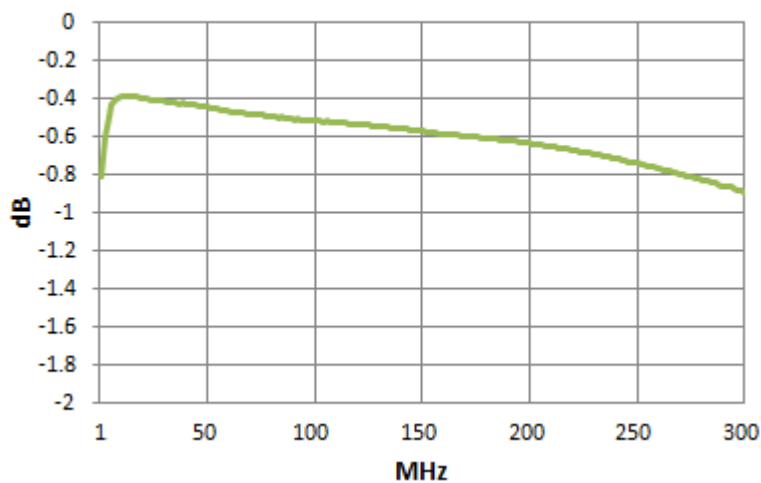
PIN	FUNCTION
1	PRIMARY DOT
2	PRIMARY
3	SECONDARY
4	SECONDARY CT
5	SECONDARY DOT

Electrical Specifications: TA=25°C, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss 1 (Pin2 - Pin5)	1 - 5 MHz	dB		0.6	1.4
	5 - 150 MHz	dB		0.7	1.0
	150 - 300 MHz	dB		0.9	1.4
Insertion Loss 1 (Pin2 - Pin3)	1 - 5 MHz	dB		0.7	1.2
	5 - 150 MHz	dB		0.7	1.0
	150 - 300 MHz	dB		0.8	1.1
Phase balance	1 - 150 MHz	degree	----	+/-0.4°	+/-2.0°
	150 - 300 MHz	degree		+/-1.0°	+/-3.5°
Amplitude balance	1 - 300 MHz	dB	---	+/-0.07	+/-0.4
Input return loss	1 - 5 MHz	dB	13	24	
	5 - 150 MHz	dB	20	29	
	150 - 300 MHz	dB	15	24	
RF Power Rating (max)		500mw			
DC Current Rating (max)		500mA			
Test Impedance (50Ω,75Ω, etc.)		50OHM			
Operating Temperature		-40°C to +125°C			
Storage Temperature		-40°C to +85°C			

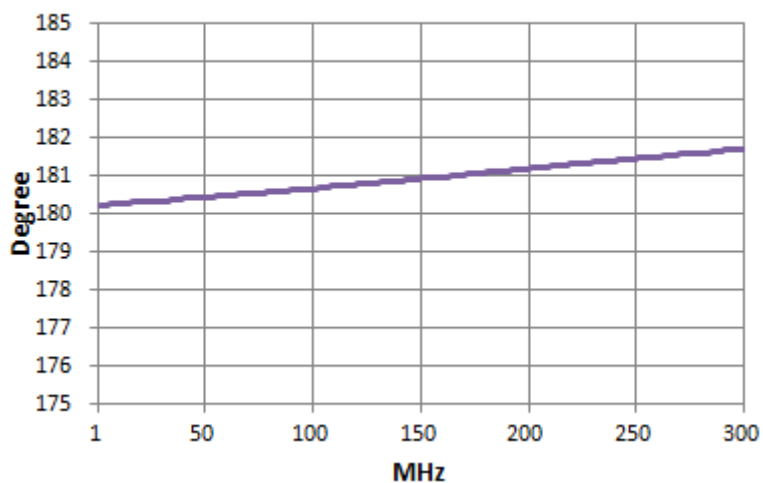
Insertion Loss 2-5



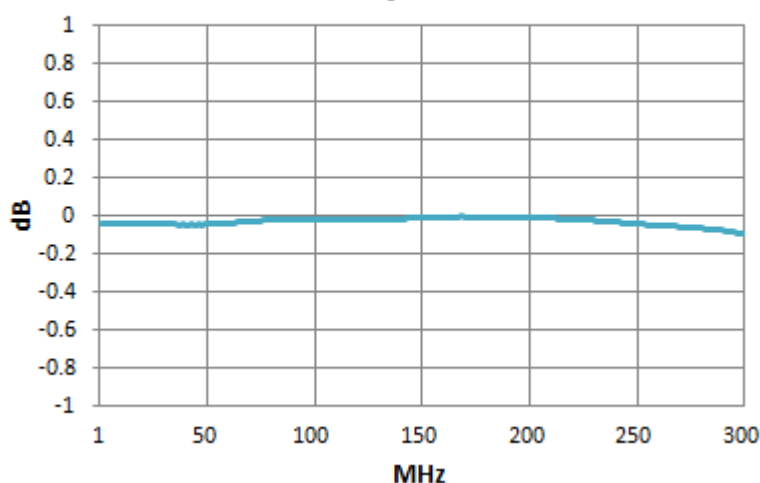
Insertion Loss 2-3



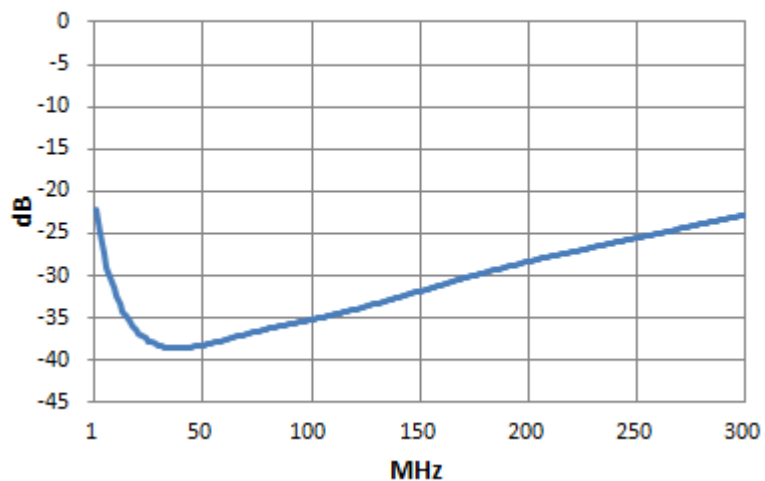
Phase



Amplitude



Input Return Loss



Tape & Reel

Parameter	Units	Value
Reel Size	mm	330
Tape Width	mm	12.00
Pitch	mm	8.00
Ao	mm	4.40
Bo	mm	4.00
Ko	mm	3.90

Carrier Tape Orientation

