

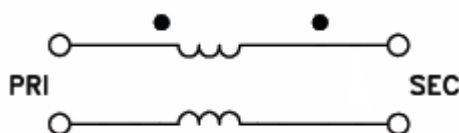
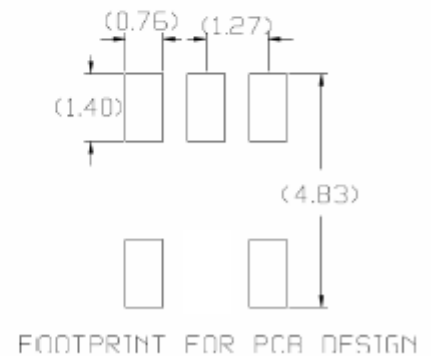
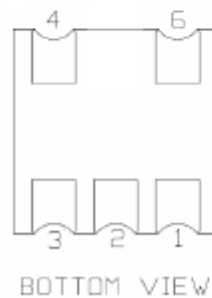
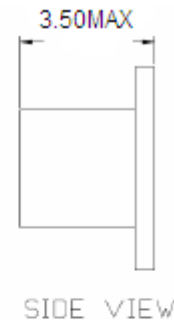
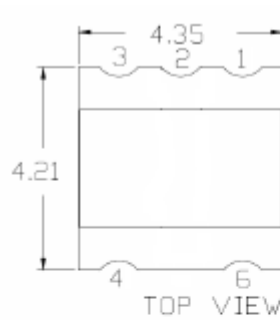
1:1 RF transmission line transformer Frequency: 5 -1200MHZ.

Base dimension

Feature:

- .1:1 impedance transformer.
- .SMT part.
- .Packaging 2000pcs per ree.
- .weld connect 260℃ compatible
- reflow 10sec.

ROHS COMPLIANT



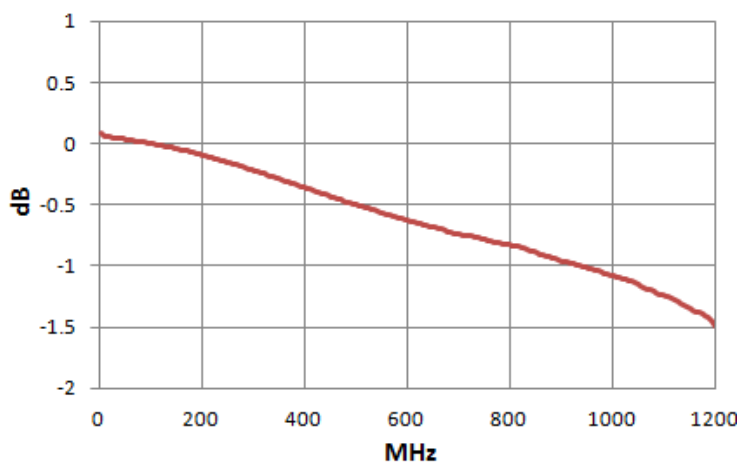
SCHEMATIC

PIN CONFIGURATION

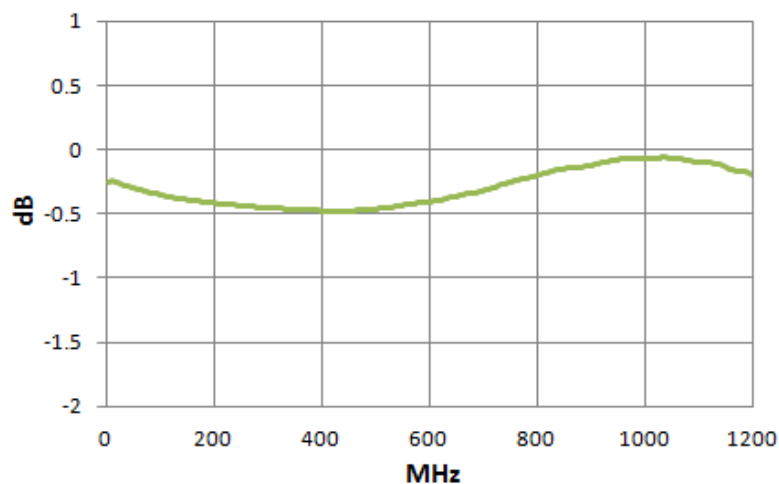
PIN	FUNCTION
1	Secondary dot
2	No connected
3	Secondary
4	Primary
5	Primary DOT

Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss (pin6-pin1)	5-50MHz	dB	----	0.23	0.0
	50-400MHz	dB	----	0.01	0.5
	400-870MHz	dB	----	0.74	1.5
	870-1200MHz	dB	----	1.28	2.4
Insertion Loss (pin6-pin3)	5-50MHz	dB	----	0.21	0.5
	50-400MHz	dB	----	0.29	0.6
	400-870MHz	dB	----	0.51	1.0
	870-1200MHz	dB	----	0.67	1.8
Input return loss	5-50MHz	dB	20	30.6	---
	50-1000MHz	dB	8	12.4	---
	1000-1200MHz	dB	7	12.9	---
Amplitude Unbalance	5-50MHz	dB	----	±0.44	±0.9
	50-700MHz	dB	----	±0.14	±0.8
	700-1200MHz	dB	----	±0.67	±1.5
Phase Unbalance	5-50MHz	Degree	----	±2.3	±2
	50-1050MHz	Degree	----	±1.9	±8
	1050-1200MHz	Degree	----	±3.4	±20
RF Power Rating (max)		250mW			
DC Current Rating (max)		200mA			
Test Impedance (50Ω,75Ω, etc.)		50OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

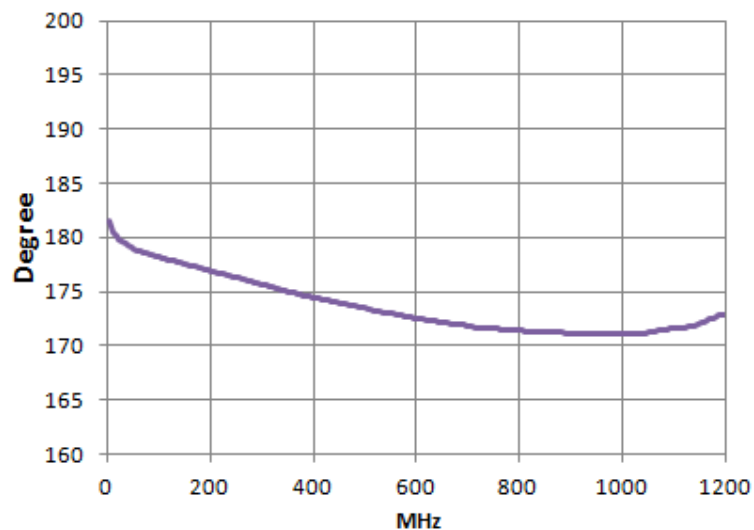
Insertion Loss 6-1



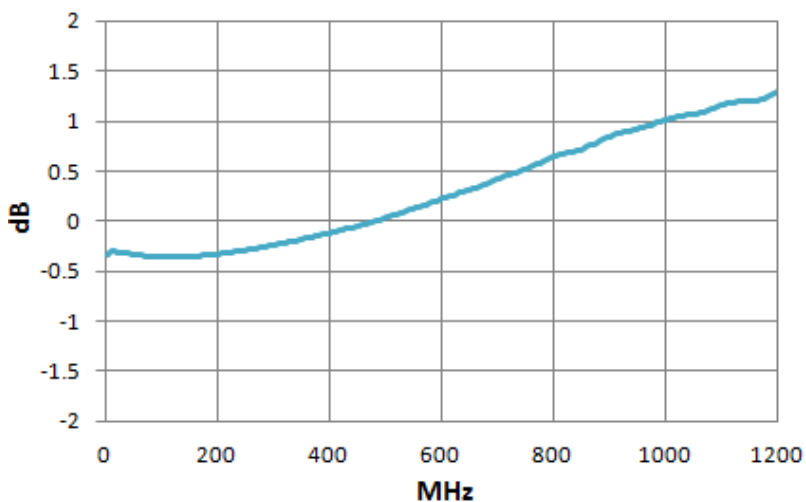
Insertion Loss 6-3



Phase



Amplitude



Input Return Loss

