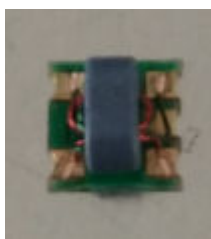


1:1 RF transmission line transformer Frequency: 4.5 -3000MHZ.

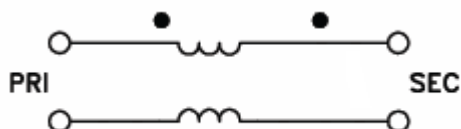
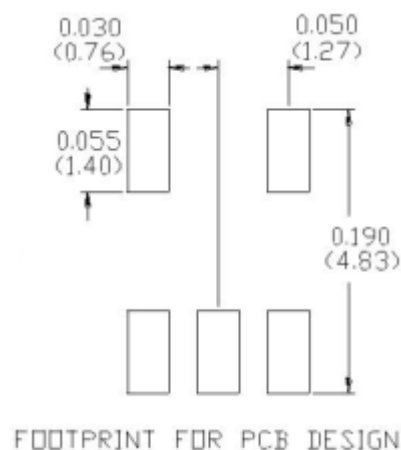
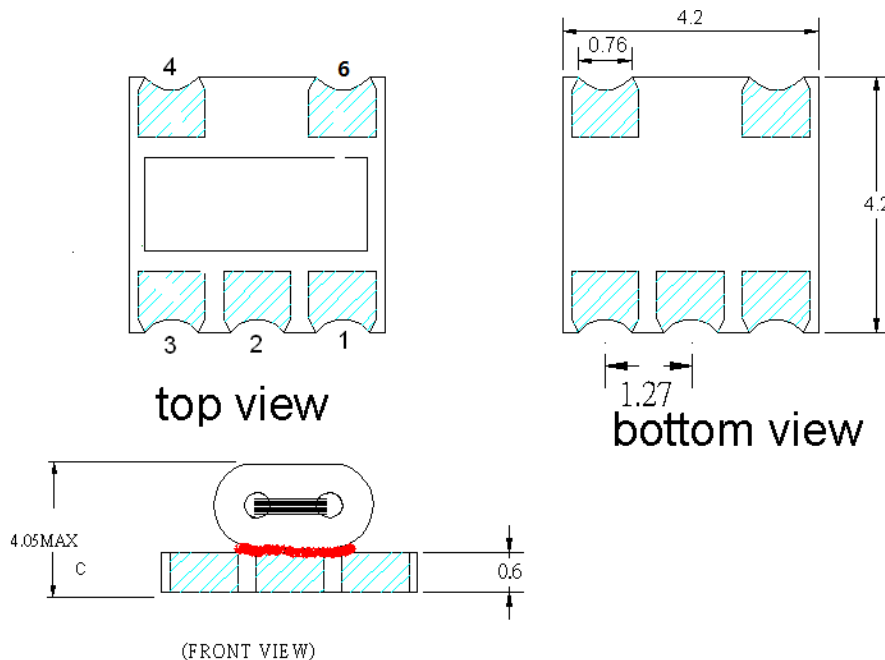
Feature:

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

ROHS COMPLIANT



Base dimension



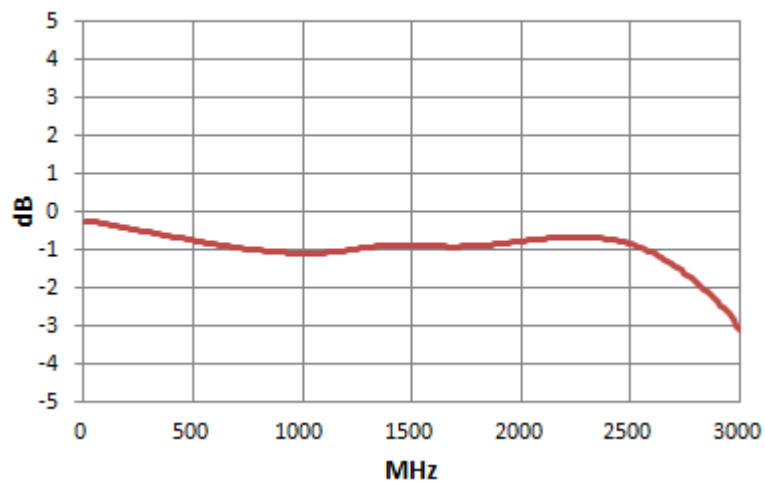
SCHEMATIC

PIN CONFIGURATION

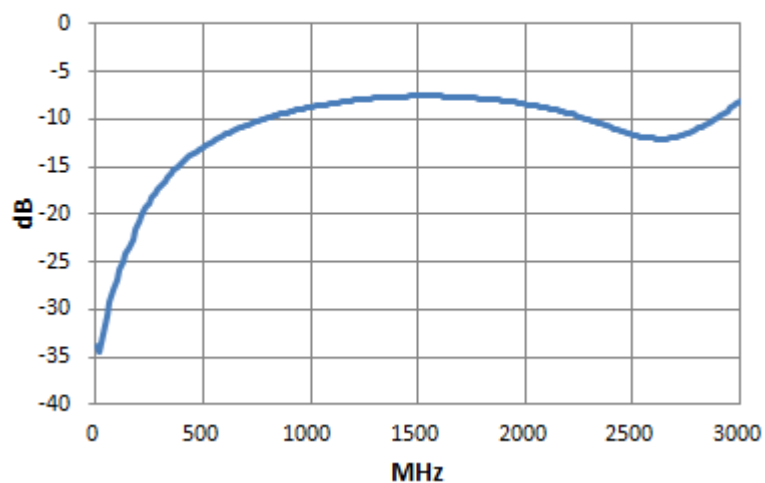
Pin No.	Function
1	Secondary Dot
2	Not used
3	Secondary
4	Primary
6	Primary Dot

Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
	4.5-1000MHz	dB	----	0.3	1.0
	1000-2000MHz	dB	----	0.65	2.0
	2000-3000MHz	dB	----	2.8	3.0
Input return loss	4.5-50MHz	dB	12	28	---
	50-975MHz	dB	15	23	---
	975-1525MHz	dB	13	21	---
	1525-2150MHz	dB	6	12	---
	2150-3000MHz	dB	3	6	---
Amplitude Unbalance	4.5-50MHz	dB	----		±3.8
	50-975MHz	dB	----		±0.7
	975-1525MHz	dB	----		±0.7
	1525-2150MHz	dB			±0.9
	2150-3000MHz	dB			±1.6
Phase Unbalance	5-50MHz	Degree	----	±6.5	±5
	50-975MHz	Degree	----	±0.1	±8
	975-1525MHz	Degree	----	±0.1	±10
	1525-2150MHz	Degree	----	±3	±12
	2150-3000MHz	Degree	----	±13	±20
RF Power Rating (max)		250mW			
DC Current Rating (max)		30mA			
Test Impedance (50Ω,75Ω, etc.)		50OHM			

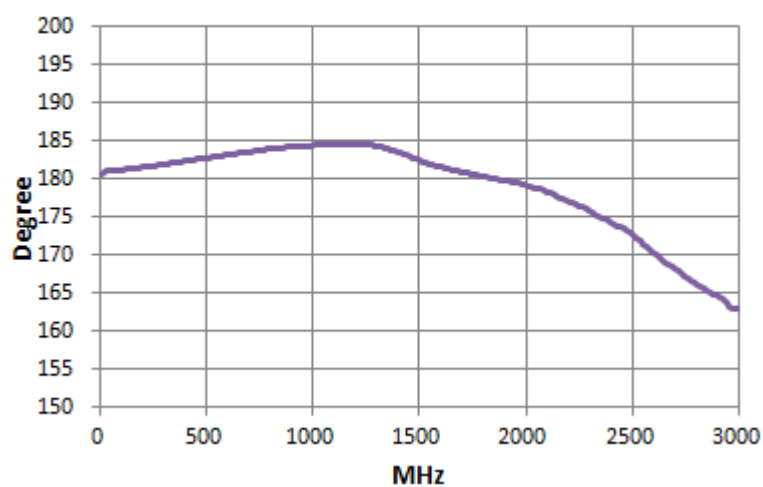
Insertion Loss



Input Return Loss



Phase



Amplitude

