



1:2 RF Transmission transformer Frequency: 30 -6000MHZ.

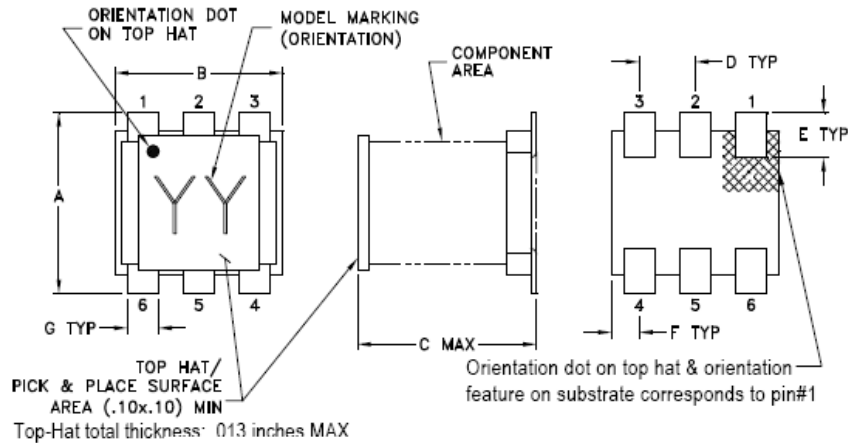
Feature:

- .1:2 impedance transformer.
- .SMT part.
- .Packaging 2000pcs per reel.
- .Lead Free .

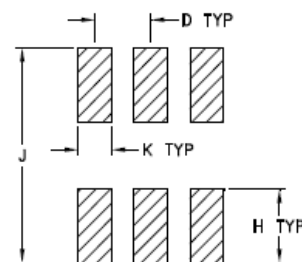
ROHS COMPLIANT



Base dimension



PCB Land Pattern

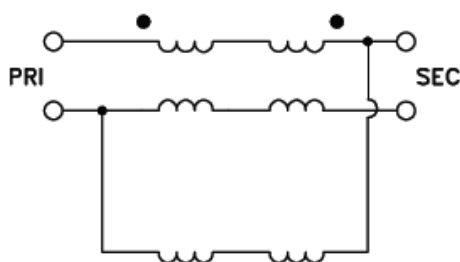


SUGGESTED LAYOUT
 TOLERANCE TO BE WITHIN ± 0.002

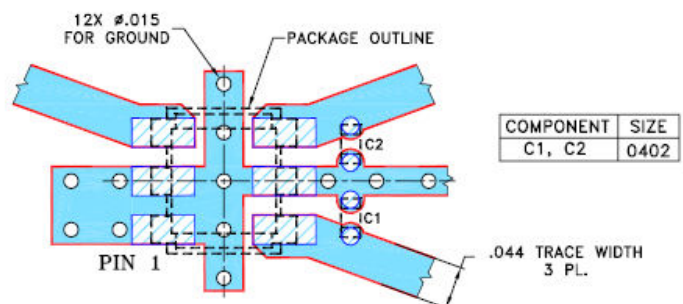
Outline Dimensions (inch mm)

A	B	C	D	E	F
.160	.150	.160	.050	.040	.025
4.06	3.81	4.06	1.27	1.02	0.64
G	H	J	K	wt	
.028	.065	.190	.030	grams	
0.71	1.65	4.83	0.76	0.15	

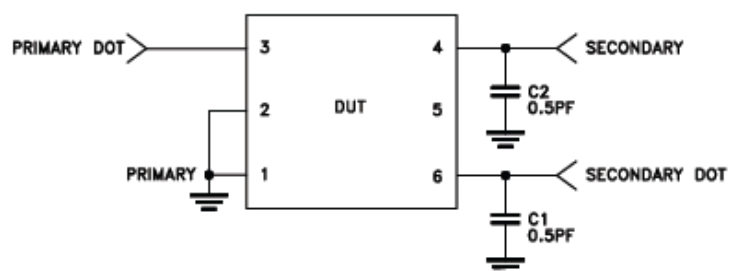
Config

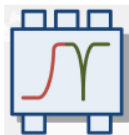


Suggested PCB Layout



Electrical Schematic

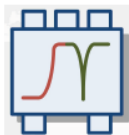




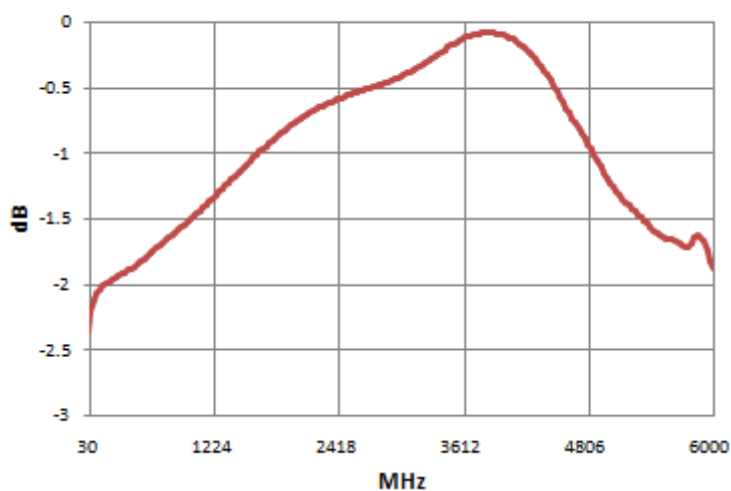
Pin Connections

Function	Pin Number
PRIMARY DOT	3
PRIMARY	1,2
SECONDARY DOT	6
SECONDARY	4
GND	1,2
NOT USED	5

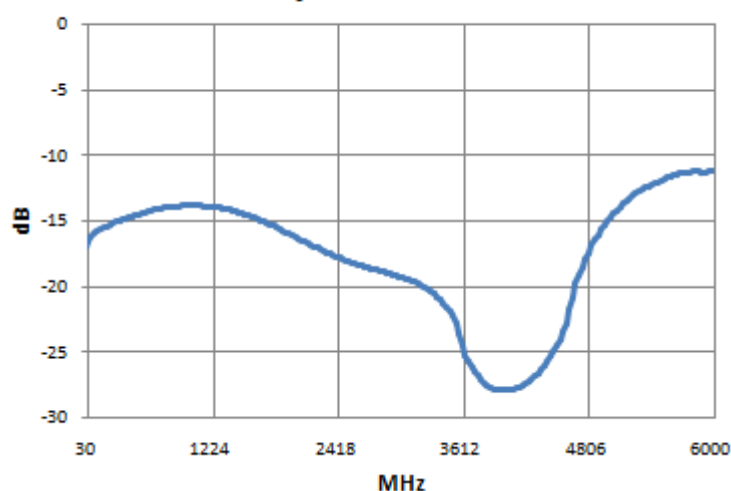
Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Average Insertion Loss	100-4000MHz	dB	----	0.9	1.9
	30-5000MHz	dB	----	1.5	2.9
	5000-6000MHz	dB	----	2.5	3.9
Amplitude Unbalance	100-4500MHz	dB	---	0.4	---
	30-6000MHz	dB	---	0.5	---
Phase Unbalance	100-4500MHz	Degree	---	4	---
	30-6000MHz	Degree	---	5	---
Common Mode Rejection	100-4500MHz	dB	18	25	---
	30-6000MHz	dB	15	20	---
RF Power		0.4W			
DC Current		30mA			
Test Impedance		50OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-55°C to +100°C			



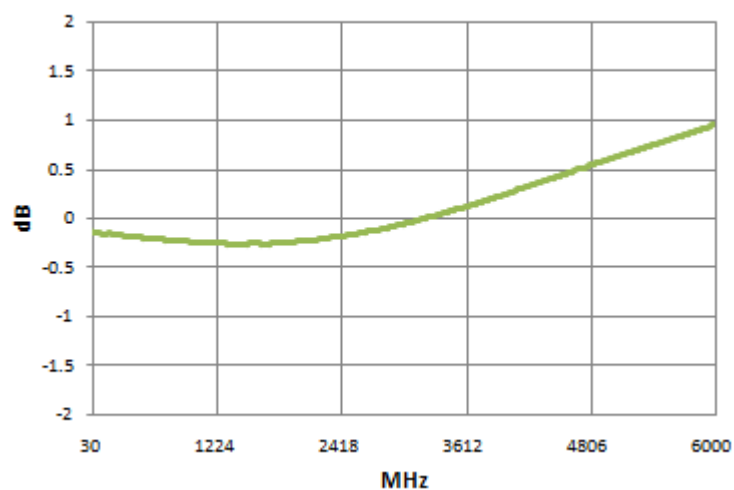
Insertion Loss



Input Return Loss



Amplitude



Phase

