

JR-ADT1-1WT 0.4-800MHZ 1:1 RF transformer

1:1:1 RF transformer Frequency: 0.4-800MHZ.

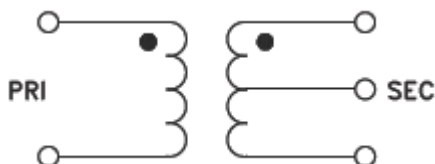
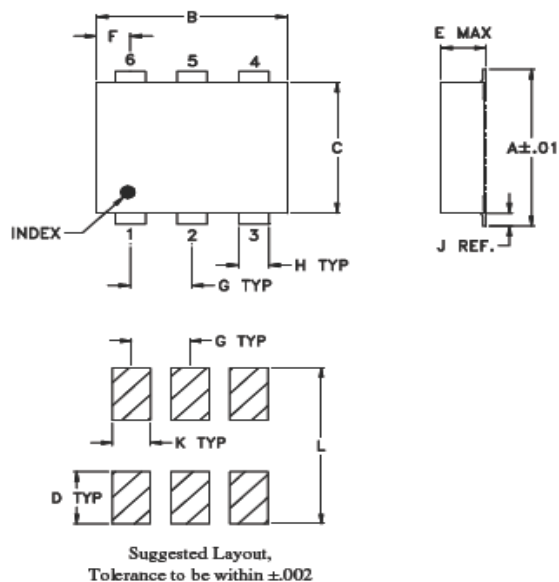
Feature:

- .1:1 impedance transformer.
- .SMT part.
- .Packaging 1000pcs per reel.
- .used in 75ohm systems.

ROHS COMPLIANT



Outline Drawing



SCHEMATIC

Maximum Ratings

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.5W
DC Current	30mA

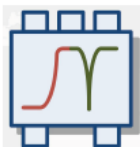
Pin Connections

PRIMARY DOT	3
PRIMARY	1
SECONDARY DOT	6
SECONDARY	4
SECONDARY CT	2
NOT USED	5

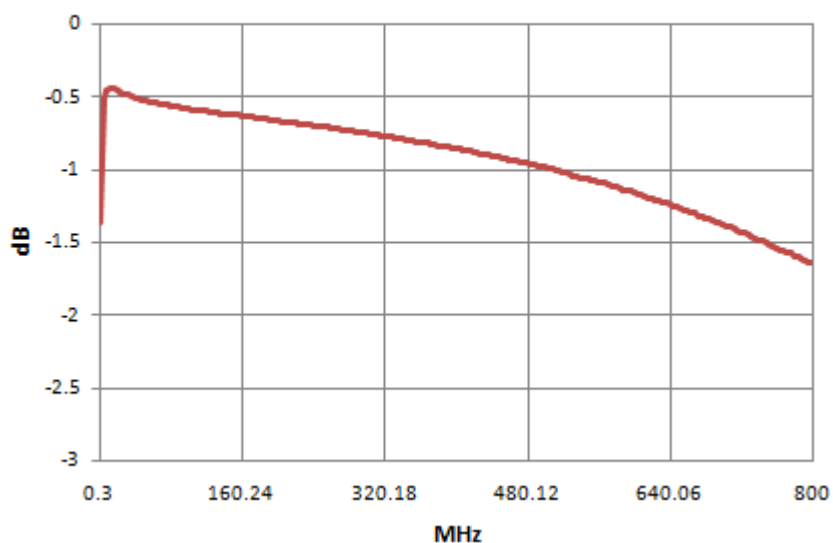
Outline Dimensions (inch mm)

A	B	C	D	E	F	G
.272	.310	.220	.100	.112	.055	.100
6.91	7.87	5.59	2.54	2.84	1.40	2.54
H	J	K	L	wt		
.030	.026	.065	.300	grams		
0.76	0.66	1.65	7.62	0.20		

Electrical Specifications: TA=25°C, Zo=75Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss	0.4 - 800MHz	dB	---	---	3.5
	0.5 - 700MHz	dB	---	---	2
	1 - 400MHz	dB	---	---	1
Amplitude Unbalance	0.4 - 400MHz	dB	---	0.1	---
	400 - 800MHz	dB	---	0.5	---
Phase Unbalance	0.4 - 400MHz	Degree	---	1	---
	400 - 800MHz	Degree	---	4	---
RF Power		500mW			
DC Current		30mA			
Test Impedance		75OHM			



Insertion Loss



Input Return Loss

