

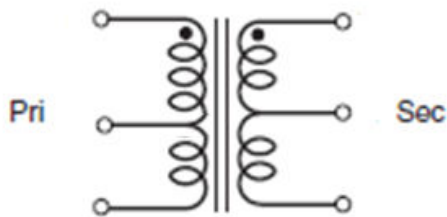
JY-TT1-6-KK81J+ 0.004-300MHZ 1:1 RF flux transformer

1:1 RF transformer Frequency: 0.004-300MHZ.

Feature:

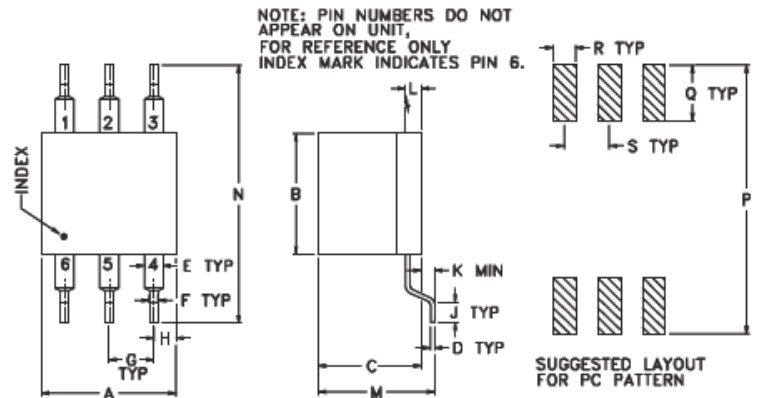
- .1 : 1 impedance transformer.
- .SMT part.
- .Packaging 500pcs per reel.
- .used in 50ohm systems.

ROHS COMPLIANT



SCHEMATIC

Outline Drawing



Outline Dimensions (inch mm)

A	B	C	D	E	F	G	H	J
.30	.27	.23	.010	.042	.020	.100	.05	.05
7.62	6.86	5.84	0.25	1.07	0.51	2.54	1.27	1.27
K	L	M	N	P	Q	R	S	wt
.020	.036	.26	0.537	.600	.125	.050	.100	grams
0.51	0.91	6.60	13.64	15.24	3.18	1.27	2.54	0.50

Maximum Ratings

Operating Temperature	-55°C to 125°C
Storage Temperature	-55°C to 125°C
RF Power	250mW
DC Current	30mA

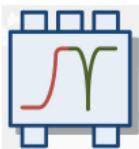
Permanent damage may occur if any of these limits are exceeded.

Pin Connections

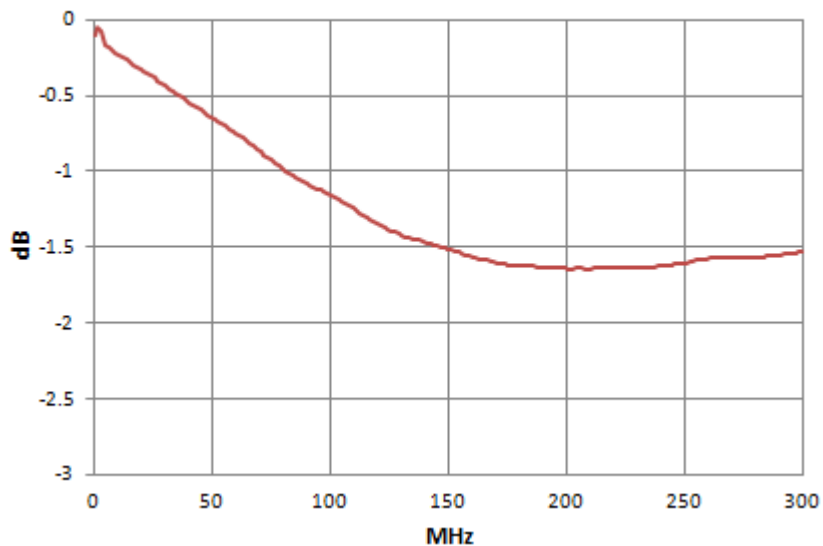
PRIMARY DOT	4
PRIMARY	6
PRIMARY CT	5
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2

Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm

Parameter	Test Conditions	Unit	Min.	Typ.	Max.
Insertion Loss	0.004 - 300MHz	dB	----	---	3
	0.02 - 200MHz				2
	0.1 - 50MHz				1
RF Power			250mW		
DC Current			30mA		
Test Impedance			50OHM		



Insertion Loss



Input Return Loss

