



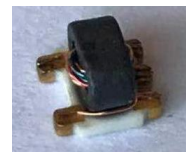
Features

- low insertion loss, 0.4 dB typ. in 1 dB Bandwidth
- excellent return loss, 25 dB typ. in 1 dB Bandwidth
- plastic base with leads
- aqueous washable

Applications

- impedance matching, 50 to 75 ohms
- balanced amplifier

JY-TC1.5-52T+



50Ω 0.5 to 550 MHz

Electrical Specifications at 25°C

Parameter	Frequency(MHz)	Min.	Typ.	Max.	Unit
Impedance Ratio (Secondary/Primary)	-	-	1.5	-	Ohm
Frequency Range	-	0.5	-	550	Mhz
Insertion Loss	0.5-550	-	3	-	dB
	1-350	-	2	-	
	2-200	-	1	-	

Typical Performance Data at 25° C

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.5	0.82	15.72
1	0.61	19.84
5	0.33	28.81
10	0.29	32.35
50	0.35	28.60
100	0.41	23.52
200	0.53	18.07
250	0.61	16.13
300	0.70	14.71
400	0.90	12.52
550	1.28	10.19

Maximum Ratings

Operating Temperature -40°C to 85°C

Storage Temperature -55°C to 100°C

RF Power 0.25W

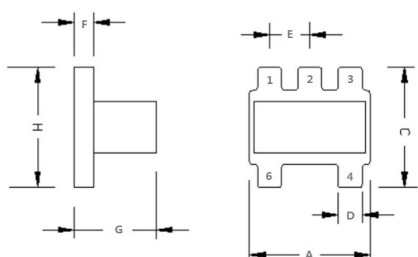
DC Current 30mA

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

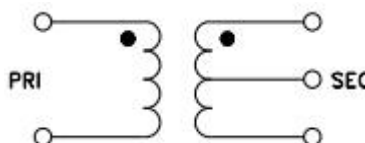
Pin Connections

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

Outline Drawing



Config. A



Outline Dimensions (mm)

A	3.81	N	-
B	-	M	1.27
C	3.81	P	0.76
D	0.76	J	-
E	1.27	K	4.81
F	0.61	L	1.30
G	2.83	H	3.81
WT	0.16g		

PCB Land Pattern

