

## Features

- Excellent return loss, 17 dB typ. in 1 dB bandwidth
- Aqueous washable

## Applications

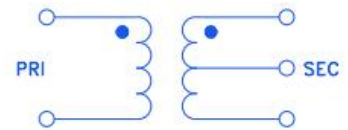
- Impedance matching
- Balance amplifier

## HT-ADT1.5-1+



50Ω 0.5 to 650 MHz

### CONFIGURATION A



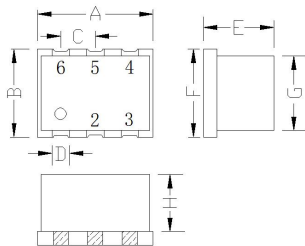
Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Impedance Ratio (Secondary / Primary)		1.5			
Frequency Range		0.5	-	650	MHz
Insertion Loss*	0.5-650	-	3	-	dB
	0.8-500	-	2	-	
	1-300	-	1	-	

\* Insertion Loss is referenced to mid-band loss, 0.8 dB typ

Frequency (MHz)	Insertion Loss (dB)	Return Loss (dB)
0.50	0.56	15.26
0.90	0.54	18.76
10.00	0.35	25.10
76.00	0.43	22.55
188.00	0.59	16.96
320.00	0.85	13.13
420.00	1.08	11.31
515.00	1.32	10.12
575.00	1.52	9.56
650.00	1.72	9.09

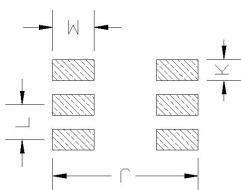
Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input*	1W
DC Current	30mA

## Outline Drawing



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

## PCB Land Pattern



Suggested Layout,  
Tolerance to be within ±0.2

A	8.70	J	8.00
B	6.60	K	1.50
C	2.54	G	5.50
D	1.30	H	4.20
E	5.30	L	2.54
F	6.50	M	2.00
WT	0.5g		

