

Features

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

Applications

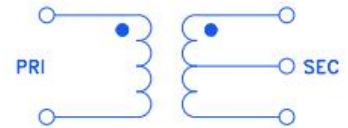
- Impedance matching
- Balance amplifier

HT-ADT1.5-1+



50Ω 0.5 to 650 MHz

CONFIGURATION A



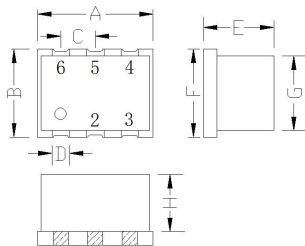
Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Impedance Ratio (Secondary / Primary)		1.5			
Frequency Range		0.5	-	650	MHz
Insertion Loss*	0.5-650	-	3	-	dB
	0.8-500	-	2	-	
	1-300	-	1	-	

* 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

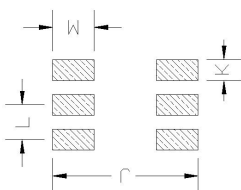
Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input*	1W
DC Current	30mA

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		

