

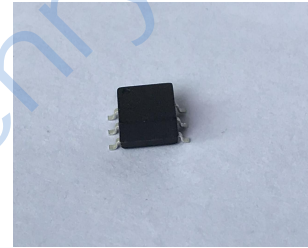
## HT-ADTL1-18-75+

### Features

- wideband, 5 to 1800 MHz
- balanced transmission line
- aqueous washable

### Applications

- impedance matching
- balanced amplifier
- cellular
- GPS



75Ω 5 to 1800 MHz

Config. G



### Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*	PHASE UNBALANCE (Deg.) Typ.	AMPLITUDE UNBALANCE (dB) Typ.
1	5-1800	1.6dB	20.5	1

\* Insertion Loss is referenced to mid-band loss, 0.3 dB typ.

### Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE (Deg.)
5.00	0.18	20.90	1.01	20.51
30.00	0.23	31.73	0.72	4.08
200.00	0.30	31.44	0.54	0.47
400.00	0.42	24.44	0.42	2.05
600.00	0.51	20.03	0.28	3.18
800.00	0.58	18.44	0.11	3.74
1000.00	0.53	19.85	0.07	3.93
1200.00	0.57	27.29	0.27	3.67
1500.00	0.95	16.27	0.46	3.10
1800.00	1.60	9.71	0.44	2.21

### Maximum Ratings

Operating Temperature -20°C to 85°C

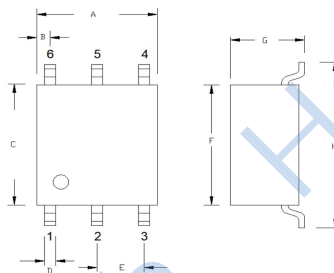
Storage Temperature -55°C to 100°C

RF Power 0.5W

DC Current 30mA

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

### Outline Drawing



### Outline Dimensions ( mm )

A	6.54	N	7.3
B	0.50	M	2.54
C	7.05	P	0.80
D	0.62		
E	2.54		
F	7.05		
G	4.05		
H	9.85		
J	5.88		
K	10.3		
L	1.50		
WT	0.19		

### Pin Connections

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

### PCB Land Pattern

