

Features

- Suitable for tin/lead and RoHS solder systems
- Wideband, 500-2500 MHz
- Balanced transmission line with secondary center tap
- Good return loss
- Aqueous washable

Applications

- PCS
- Cellular

HT-TC4-25G2+



50Ω 500 to 2500 MHz

Electrical Specifications at 25°C

Parameter	Frequency(MHz)	Min.	Typ.	Max.	Unit
Impedance Ratio (Secondary/Primary)	-	-	4	-	-
Frequency Range	-	500	-	2500	Mhz
Insertion Loss	500-2500	-	3.0	-	dB
	700-1500	-	2.0	-	
	750-1200	-	1.0	-	

Typical Performance Data at 25° C

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
500.00	1.07	8.37
1000.00	0.37	22.67
1500.00	0.59	13.79
1600.00	0.64	12.90
1800.00	0.74	11.65
2000.00	0.84	10.75
2200.00	0.96	10.03
2400.00	1.08	9.35
2500.00	1.14	8.96
2800.00	1.38	7.82
3000.00	1.59	7.06

Maximum Ratings

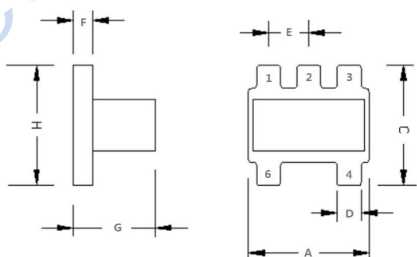
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W
DC Current	30mA

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

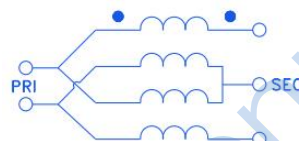
Pin Connections

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

Outline Drawing



Config. H



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

