

## Features

- RoHS compliant
- RF power: 2W Max.
- DC current: 1500mA Max.
- Wideband 5-1225MHz
- Operation temperature -40~125°C
- Impedance ratio: 1:1

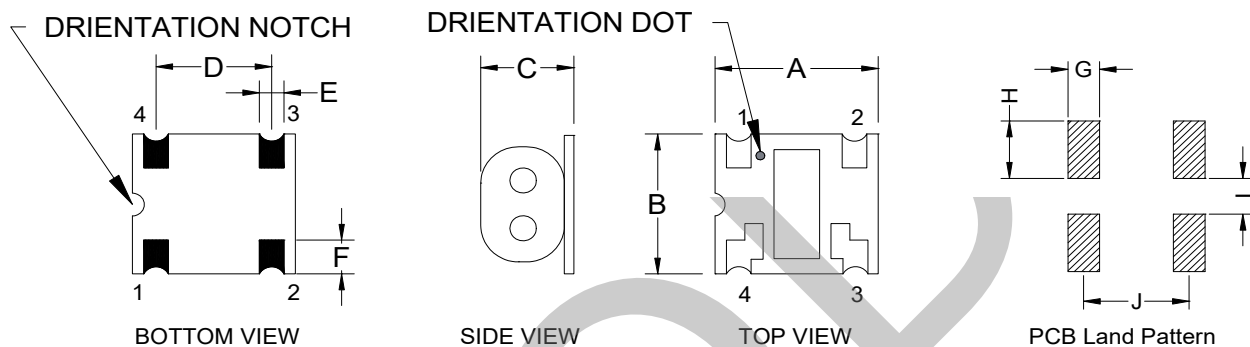


## Applications

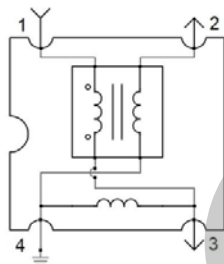
CATV, broadband applications.

Mechanicals (Unit in mm; tolerance: +/-0.25 unless specify):

A	B	C	D	E	F	G	H	I	J
7.11±5%	6.35±5%	4.36±10%	5.08	1.00	1.50	1.27	2.40	3.05	5.08



## Schematics



## Pin connection

Pin 1	Primary Dot (input)
Pin 2	Secondary (output 2)
Pin 3	Secondary (output 1)
Pin 4	Primary (ground)

Electrical Specifications: TA=25°C, Zo=75Ω

Parameters	Test condition	Unit	Min.	Typ.	Max.
Frequency	-	MHz	5	-	1225
Insertion Loss 1 (PIN1-PIN3)	5-300MHz	dB	-	0.2	0.4
	300-1000MHz	dB	-	0.4	0.8
	1000-1225MHz	dB	-	0.7	1
Insertion Loss 2 (PIN1-PIN2)	5-300MHz	dB	-	0.4	0.7
	300-1000MHz	dB	-	0.6	0.9
	1000-1225MHz	dB	-	0.7	0.9
Amplitude Balance	50-300MHz	dB	-	0.2	0.4
	300-1225MHz	dB	-	0.1	0.5
Phase Balance	50-300MHz	Deg	-	1.0	4
	300-1225MHz	Deg	-	2.0	9
Input Return Loss	50-300MHz	dB	23	28	
	300-1225MHz	dB	15	23	-



## Test curve

