

FEATURES

- Wide Bandwidth
- Low Insertion Loss
- Lower limiting threshold
- Miniature Sizes for drop-In Assembly
- Rugged/compact Thin Film Construction
- High power handling

APPLICATIONS

- Front End Protection for LNA's
- Power Leveling (Limiting)
- Receiver Protection



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	9.3		9.5	GHz
insertion Loss			1.5	dB
VSWR Input/output			1.4:1	Ratio
Threshold			20	dBm
Spike leakage			30	dBm
input power 0.1% duty cycle peak			55	dBm
Pulse Width		1		us
Input power CW			2	Watt
Recovery Time		1		us

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+85	°C
Non-operating Temperature	-55		125	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Application environment		Navigation		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions(L*W*H)	14*14.5*5	Max	Milimeter
Weight	20	Max	gram
RF Connectors Input	SMD		
RF Connectors output	SMD		
Impedance	50		Ohms

Note:1:Peak power handling: +55dBm peak(at 0.1% duty cycle and 1us pulse width.

2:Average power handling: 2W(Based on 20W peak at 10% duty cycle and 40us pulse width).

OUTLINE DRAWING(mm):