

FEATURE:

- Solid State,Mixture Integrated
- High Sensitivity,Excellent Flatness
- Wideband,High Reliability
- Operating Temperature:-55~+85°C
- Field Removable SMA(F)

APPLICATION:

- Test Equipment
- Subsystems
- Prototypes



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
FrequenTcy Range	1		12	GHz
Tss		-38		dBm
Sensitivity K		1.2		mV/mW
Flatness			1	dB
VSWR			2.0:1	Ratio
DC Power Supply		+5		Volt
Current		20		mA

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
Shock / Vibration (MIL-STD-810F)		Airbone		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	28.6*13.5*6	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

Note 1: Negative output polarity standard.Add"P"to end of model number for Positive output polarity

Note 2: TSS based on 2 MHz video bandwidth and 2 dB amplifier NF.

OUTLINE DRAWING(mm):

