

FEATURE:

- Whole Solid State,Mixture Integrated
- High Speed,Low Loss,High Precision
- Field Removable SMA(F) Connector
- Operating Temperatuer:-55~+85°C
- Wideband,High Reliability

APPLICATION:

- Test Equipment
- Subsystems
- Prototypes



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	8		18	GHz
Insert Loss			2.2	dB
VSWR			2.0	Ratio
Attenuate	60			dB
Input Power			0.5	Watt
DC Power Supply		1		Volt
Current	0		20	mA

Note:Accuracy of Attenuation: $\leq \pm 2.5\text{dB}$ (0 ~ 30dB);
 $\leq \pm 4.0\text{dB}$ (30 ~ 40dB);
 $\leq \pm 5.0\text{dB}$ (40 ~ 50dB);
 $\leq \pm 6.5\text{dB}$ (50 ~ 60dB).

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	30*18*6	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):

