

### 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 |
|-----------------|-----|---------|-------|-------|
| Frequency Range | 2   |         | 18    | GHz   |
| Tss             |     | -45     |       | dBm   |
| Sensitivity K   |     | 500     |       | mV/mW |
| Flatness        |     |         | 1.9   | dB    |
| VSWR            |     |         | 2.0:1 | Ratio |

### 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           | 12*14*10   | Max    | Millimeter |
| Weight               | 50         | Max    | gram       |
| RF Connectors Input  | SMA-male   |        |            |
| RF Connectors output | SMA-Female |        |            |
| 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):

