

### FEATURE:

- Solid State,Mixture Integrated
- High Speed,Low Loss,High Isolation
- Field Removable SMA(F) Connector
- Integrated with Driver

### APPLICATION:

- Test equipment
- Radar&Warfare system
- Communication system



### ELECTRICAL SPECIFICATIONS@25°C:

| Parameter            | Min | Typical | Max   | Units |
|----------------------|-----|---------|-------|-------|
| Frequency Range      | 0.5 |         | 2.5   | GHz   |
| Insertion Loss       |     | 0.8     | 1.2   | dB    |
| Isolation            | 60  |         |       | dB    |
| VSWR                 |     | 1.5:1   | 1.7:1 | dB    |
| Power Handling(CW)   | 60  |         |       | watt  |
| Switching Times      |     |         | 5     | us    |
| DC Power supply +5V  |     | 700     |       | mA    |
| DC Power supply -28V |     | 40      |       | mA    |

Note:SMA Female Field Replaceable Connectors.

### 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           | 61*40*18 | Max    | Millimeter |
| Weight               | 60       | Max    | gram       |
| RF Connectors Input  | SMA-F    |        |            |
| RF Connectors output | SMA-F    |        |            |
| Impedance            | 50       |        | ohms       |

### TTL CONTROL LOGIC

TTL 0 (low) (0 to 0.8 V) :J0-J1

TTL 1 (high) (2.4 to 4.7 V) :J0-J2

### OUTLINE DRAWING(mm):

