

### 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   |         | 12   | GHz   |
| Insert Loss     |     |         | 1.9  | dB    |
| VSWR            |     |         | 1.7  | Ratio |
| Attenuate       |     |         | 60   | dB    |
| Input Power     |     |         | 0.5  | Watt  |
| Flatness        |     |         | ±1.5 | dB    |
| Respose Time    |     |         | 100  | ns    |
| DC Power Supply |     | 1       |      | Volt  |
| Current         | 0   |         | 20   | mA    |

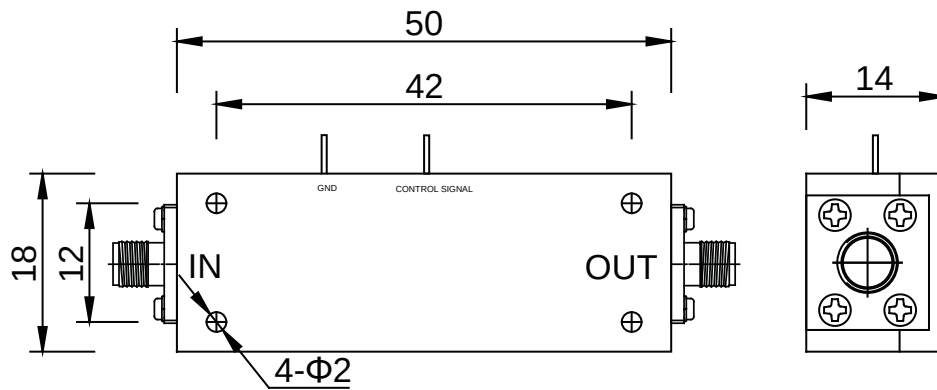
### ENVIRONMENTAL RATINGS

| 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           | 50*18*14 | Max    | Millimeter |
| Weight               | 50       | Max    | gram       |
| RF Connectors Input  | SMA-F    |        |            |
| RF Connectors output | SMA-F    |        |            |
| Impedance            | 50       |        | ohms       |

### OUTLINE DRAWING(mm):



AT1