

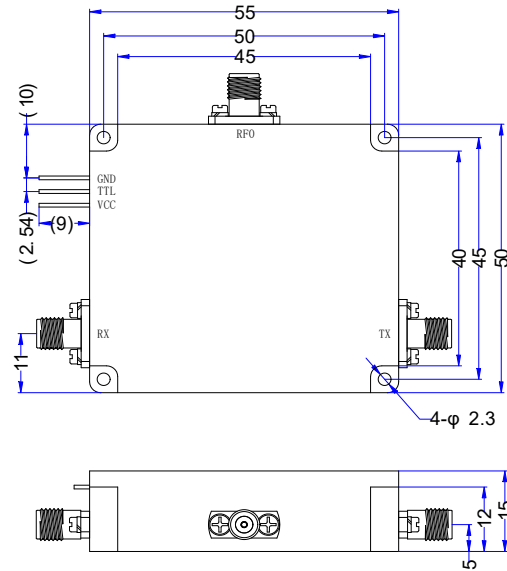
**TMPS2-00030052-150S-R**

**0.03 to 0.52GHz, 150W, SMA-Female Reflective, SPDT, Pin Diode Switch**

**Electrical Characteristics**

**Outline Drawing(mm)**

- Frequency Range ..... 0.03~0.52GHz
- Insertion Loss(Rx Port) ..... 1.1dB max@30-100MHz  
 ..... 0.6dB max@100-520MHz
- Insertion Loss(Tx Port) ..... 0.6dB max
- VSWR ..... 1.6 max
- Isolation ..... 45dB min
- Switching Speed ..... 4us max
- Power Supply ..... +12V/250mA
- Power Handling ..... Tx(150W CW), Rx(10W CW)
- Control Port .....  $\Phi$ 0.8mm pin
- Dimensions ..... 55 × 50 × 15mm
- RF Connectors ..... SMA-Female



**Control Truth Table**

TTL	RF0-RX	RF0-TX
0	ON	OFF
1	OFF	ON