

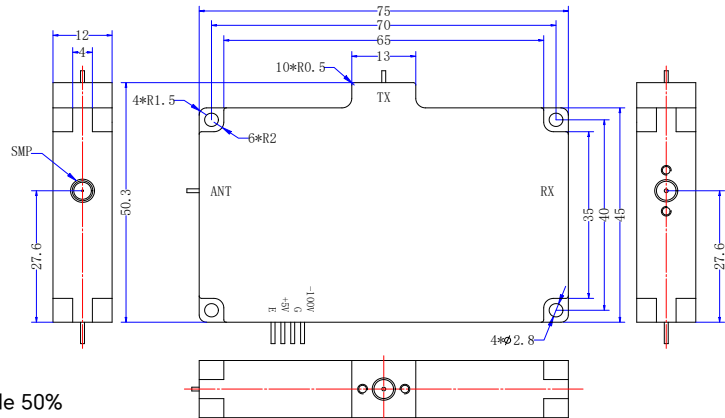
**TMPS2-00690123-1500**

**0.69 to 1.23GHz, 1500W**  
**Reflective, SPDT, Pin Diode Rx/Tx Switch**

**Electrical Characteristics**

**Outline Drawing(mm)**

- Frequency Range** ..... 690~1230MHz
- Insertion Loss** ..... 0.6dB max
- VSWR** ..... 1.3 max
- Isolation** ..... 50dB min
- Switching Time** ..... 10us max
- Positive Operating Voltage** ... +5V/200mA
- Negative Operating Voltage..** -100V/20mA
- Peak Power(Tx-ANT)** ..... 1500W(PW)
  - ..... Pulse Width 6us, Duty Cycle 50%
  - ..... 6us ON/6us OFF, Duty Cycle 30%
- Power Handling(ANT-Rx)** ..... 10W(CW)
- RF Connector** ..... SMP (Rx port)
  - .....  $\Phi 0.8$ mm Pin (Tx and ANT port)
- Control Port** .....  $\Phi 0.8$ mm Pin
- Dimensions** ..... 75 × 50.3 × 12mm



**Control Truth Table**

| E | TX-ANT | ANT-RX |
|---|--------|--------|
| 1 | ON     | OFF    |
| 0 | OFF    | ON     |