

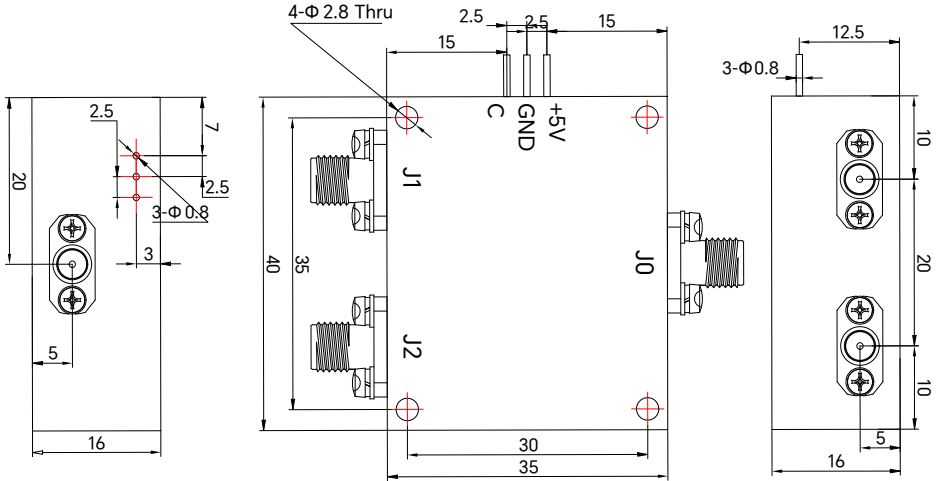
PART NUMBER  
**TMPS2-08001200-100R**

REV.	DATE	COMMENTS	INITIAL
1	2023/12/5	ENGINEERING RELEASE	

**SPECIFICATIONS**

- Frequency Range ..... 8-12GHz
- Insertion Loss ..... 1.4dB max
- Isolation ..... 40dB min
- Impedance ..... 50 Ohms
- VSWR ..... 1.5:1 max
- RF Input Power ..... 100W(CW)
- Switching Speed ..... 2μs max
- Connectors ..... SMA-Female
- Voltage/Current ..... +5Vdc@500mA max
- Mounting ..... Φ0.8mm Feed through
- Operating Temperature ..... -40°C~+70°C
- Storage Temperature ..... -55°C~+85°C
- Dimensions ..... 40 × 35 × 16mm
- Material ..... Aluminum 6061

**RoHS Compliant**



Drawing not to scale, units:mm

**Control Truth Table**

TTL Control Voltage Threshold	Low(0)=0V
	High(1)=3.3V-5V
Control Input TTL(C)	Signal Path State
0	J0→J1
1	J0→J2

PART NUMBER <b>TMPS2-08001200-100R</b>		DESCRIPTION <b>PIN Diode Switch, SPDT, 8-12GHz, Reflective, 100W, SMA-Female</b>
CAGE CODE	SIGNATURE <i>Chris Chen</i>	 <p>成都巨人微波 <b>TITAN MICROWAVE INC.</b> - A Professional RF &amp; Microwave Components Supplier -</p> <p>www.titan-microwave.com Tel: +86 130 866 58398 Email: sales@titan-microwave.com chris@titan-microwave.com</p>
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