

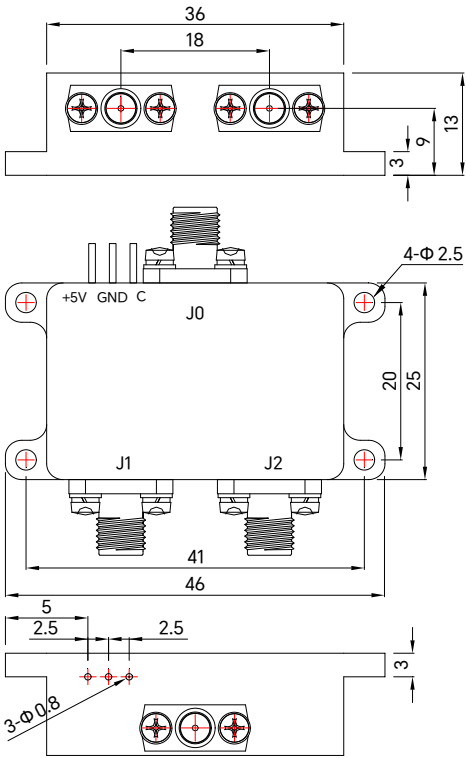
**PART NUMBER**  
**TMPS2-02000300-10S**

REV.	DATE	COMMENTS	INITIAL
1	2020/8/23	ENGINEERING RELEASE	

**SPECIFICATIONS**

Frequency Range .....	2-3GHz
Insertion Loss .....	1.0dB max
Isolation .....	40dB min
Input&Output VSWR .....	1.5 max
RF Input Power .....	10W(CW)
Switching Speed .....	200ns max
Connectors .....	SMA-Female
Power Supply Connectors .....	Φ0.8mm Feed Through
Voltage/Current .....	+5Vdc@100mA max
Operating Temperature .....	-40°C~+70°C
Storage Temperature .....	-55°C~+85°C
Dimensions .....	46 × 25 × 13mm
Material .....	Aluminum 6061
Surface Finish .....	Nickel Plated


**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

<b>PART NUMBER</b> <b>TMPS2-02000300-10S</b>		<b>DESCRIPTION</b> <b>PIN Diode Switch, SPDT, 2-3GHz, Reflective, 10W, SMA-Female</b>
<b>CAGE CODE</b>	<b>SIGNATURE</b> <hr/>	 <a href="http://www.titan-microwave.com">www.titan-microwave.com</a> Tel: +86 130 866 58398 Email: <a href="mailto:sales@titan-microwave.com">sales@titan-microwave.com</a> <a href="mailto:chris@titan-microwave.com">chris@titan-microwave.com</a>
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