

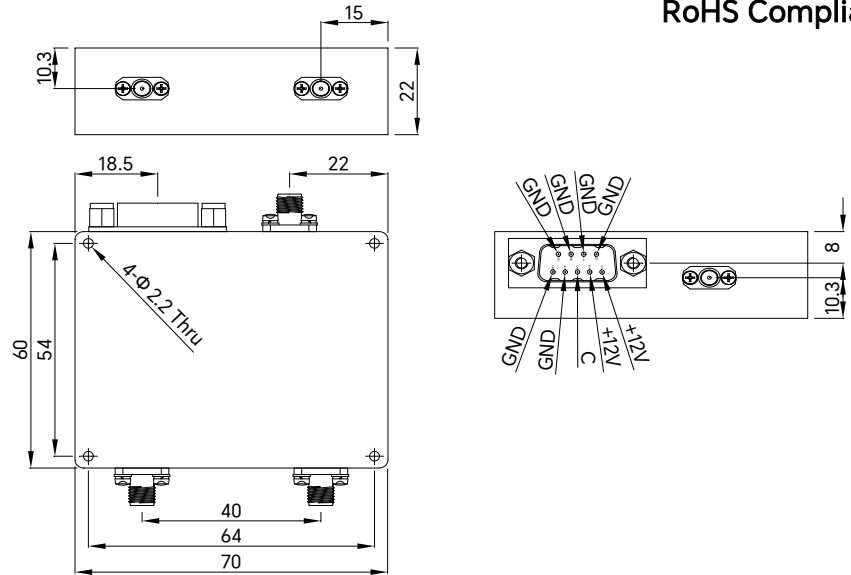
**PART NUMBER**  
**TMPS2-00020052-100S**

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

**SPECIFICATIONS**

Frequency Range ..... 20-520MHz  
 Insertion Loss ..... 0.5dB max  
 Isolation ..... 60dB min  
 Input&Output VSWR ..... 1.5 max  
 RF Input Power ..... 100W(CW)  
 Switching Speed ..... 10μs max  
 Connectors ..... SMA-Female  
 Power Supply Connectors ..... DB9-Female  
 Voltage/Current ..... +12Vdc@300mA max  
 Operating Temperature ..... -40°C~+70°C  
 Storage Temperature ..... -55°C~+85°C  
 Dimensions ..... 70 × 60 × 22mm  
 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

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**DESCRIPTION**  
**PIN Diode Switch, SPDT, 20-520MHz, Reflective, 100W, SMA-Female**

**CAGE CODE**      **SIGNATURE**

**成都巨人微波**  
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