

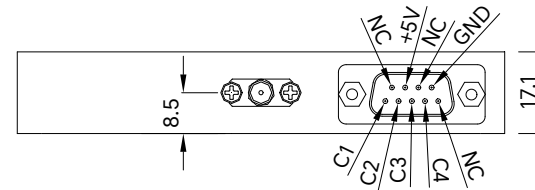
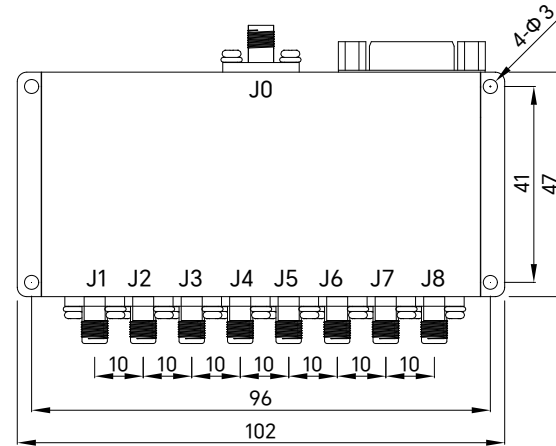
PART NUMBER <b>TMPS8-00400600-2S</b>
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REV.	DATE	COMMENTS	INITIAL
1	2020/8/8	ENGINEERING RELEASE	

**SPECIFICATIONS**

Frequency Range .....	0.4-6GHz
Insertion Loss .....	3.0dB max
Isolation .....	80dB min
Input&Output VSWR .....	1.6 max
RF Input Power .....	2W(CW)
Switching Speed .....	200ns max
Connectors .....	SMA-Female
Control Connector .....	DB9-Female
Voltage/Current .....	+5Vdc@300mA max
Operating Temperature .....	-55°C~+85°C
Storage Temperature .....	-55°C~+85°C
Dimensions .....	102 × 47 × 17.1mm
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	Signal Path State
				High(1)=3.3V-5V	
C4	C3	C2	C1		
0	0	0	0		J0→J1
0	0	0	1		J0→J2
0	0	1	0		J0→J3
0	0	1	1		J0→J4
0	1	0	0		J0→J5
0	1	0	1		J0→J6
0	1	1	0		J0→J7
0	1	1	1		J0→J8
1	X	X	X		OFF

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CAGE CODE	SIGNATURE
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DESCRIPTION  
**PIN Diode Switch, SP8T, 0.4-6GHz, Absorptive, 2W, SMA-Female**

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