

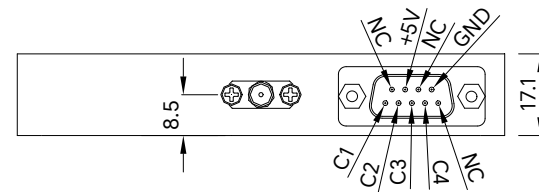
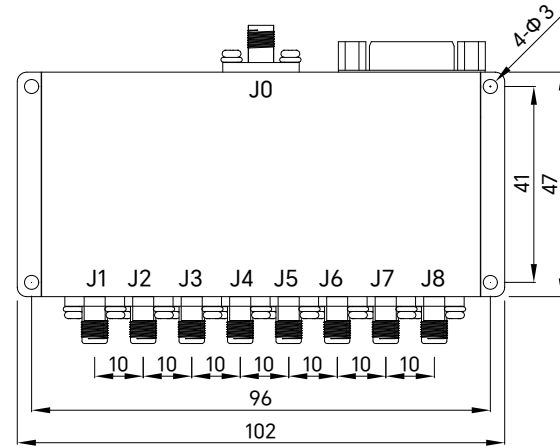
PART NUMBER
TMPS8-00800270-2S

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

SPECIFICATIONS

Frequency Range 0.8-2.7GHz
 Insertion Loss 1.6dB max
 Isolation 70dB min
 Input&Output VSWR 1.5 max
 RF Input Power 2W(CW)
 Switching Speed 200ns max
 Connectors SMA-Female
 Control Connector DB9-Male
 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, 0.8-2.7GHz, Reflective, 2W, SMA-Female

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