

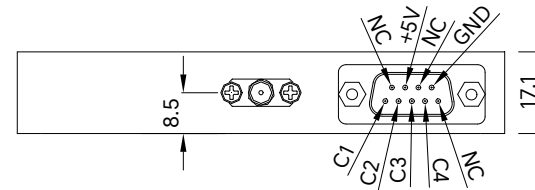
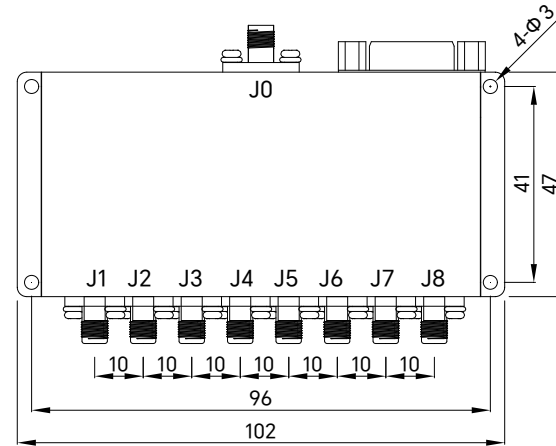
PART NUMBER TMPS8-00400800-2S

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

SPECIFICATIONS

Frequency Range	0.4-8GHz
Insertion Loss	3.5dB 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@400mA max
Operating Temperature	-40°C~+70°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, 0.4-8GHz, Absorptive, 2W, SMA-Female

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