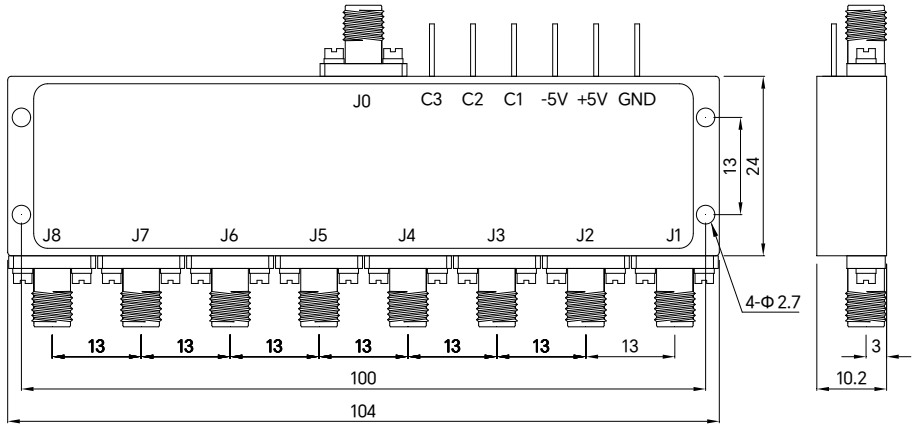
PART NUMBER	REV.	DATE	COMMENTS	INITIAL
TMPS8-00401800-AS	1	2020/8/8	ENGINEERING RELEASE	

SPECIFICATIONS

RoHS Compliant

Frequency Range	0.4-18GHz
Insertion Loss	5.5dB max
Isolation	80dB min
Input&Output VSWR	2.0 max
RF Input Power	24dBm
Switching Speed	150ns max
Connectors	SMA-Female
Voltage/Current	+5Vdc@400mA max
	-5Vdc@100mA max
Operating Temperature	-40℃~+70℃
Storage Temperature	-55℃~+85℃
Dimensions	104 × 24 × 10.2mm
Material	Aluminum 6061
Surface Finish	Nickel Plated



Drawing not to scale, units:mm

Control Truth Table

TTL Control Voltage Threshold			Low(0)=0V High(1)=3.3V-5V
C3	C2	C1	Signal Path State
0	0	0	J0→J1
0	0	1	J0→J2
0	1	0	J0→J3
0	1	1	J0→J4
1	0	0	J0→J5
1	0	1	J0→J6
1	1	0	J0→J7
1	1	1	J0→J8

PART NUMBER

TMPS8-00401800-AS

DESCRIPTION

PIN Diode Switch, SP8T, 0.4-18GHz, Absorptive, 24dBm, SMA-Female

CAGE CODE

SIGNATURE

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