

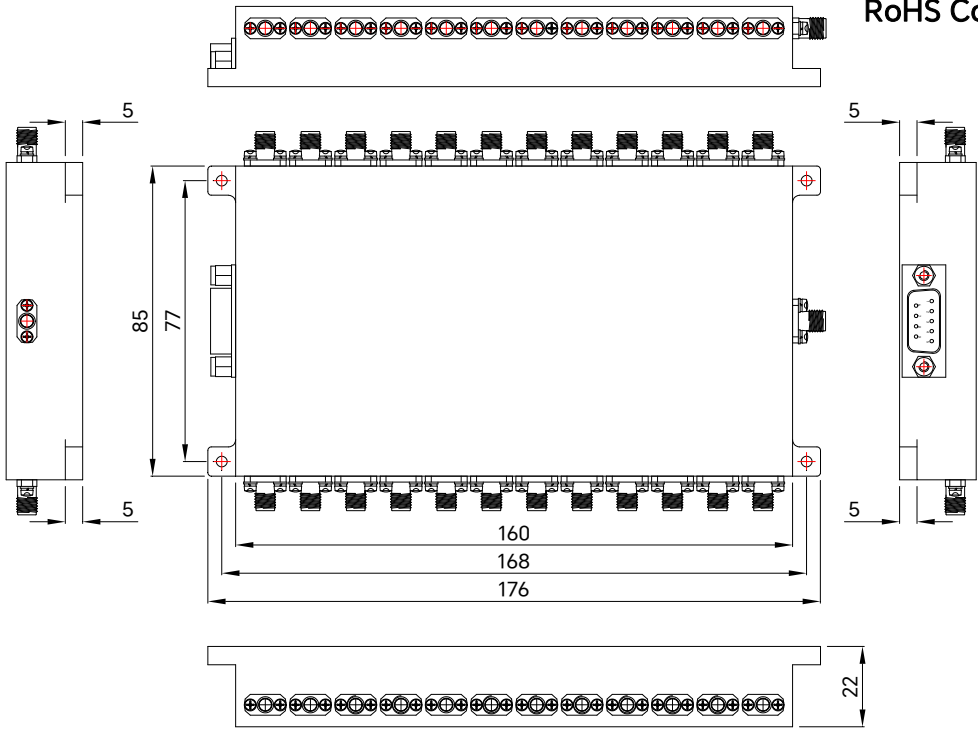
PART NUMBER
TMPS24-00400800-2S

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

SPECIFICATIONS

Frequency Range 0.4-8GHz
 Insertion Loss 7.0dB max
 Isolation 80dB min
 Input&Output VSWR 1.6 max
 RF Input Power 2W(CW)
 Switching Speed 200ns max
 Voltage/Current +5Vdc@900mA max
 Connectors SMA-Female
 Control Connector D-SUB9 Male
 Operating Temperature -40°C~+70°C
 Storage Temperature -55°C~+85°C
 Dimensions 176 × 85 × 22mm
 Material Aluminum 6061
 Surface Finish Nickel Plated

RoHS Compliant



1	C1
2	C2
3	C3
4	C4
5	C5
6	+5V
7	+5V
8	+5V
9	GND

Drawing not to scale, units:mm

Control Truth Table

TTL Control Voltage					Low(0)=0V
Threshold					High(1)=3.3V-5V
C5	C4	C3	C2	C1	Signal Path State
0	0	0	0	0	J0→J1
0	0	0	0	1	J0→J2
0	0	0	1	0	J0→J3
0	0	0	1	1	J0→J4
0	0	1	0	0	J0→J5
0	0	1	0	1	J0→J6
0	0	1	1	0	J0→J7
0	0	1	1	1	J0→J8
0	1	0	0	0	J0→J9
0	1	0	0	1	J0→J10
0	1	0	1	0	J0→J11
0	1	0	1	1	J0→J12
0	1	1	0	0	J0→J13

0	1	1	0	1	J0→J14
0	1	1	1	0	J0→J15
0	1	1	1	1	J0→J16
1	0	0	0	0	J0→J17
1	0	0	0	1	J0→J18
1	0	0	1	0	J0→J19
1	0	0	1	1	J0→J20
1	0	1	0	0	J0→J21
1	0	1	0	1	J0→J22
1	0	1	1	0	J0→J23
1	0	1	1	1	J0→J24
1	1	0	0	0	OFF

DESCRIPTION

PIN Diode Switch, SP24T, 0.4-8GHz, Absorptive, 2W, SMA-Female



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