

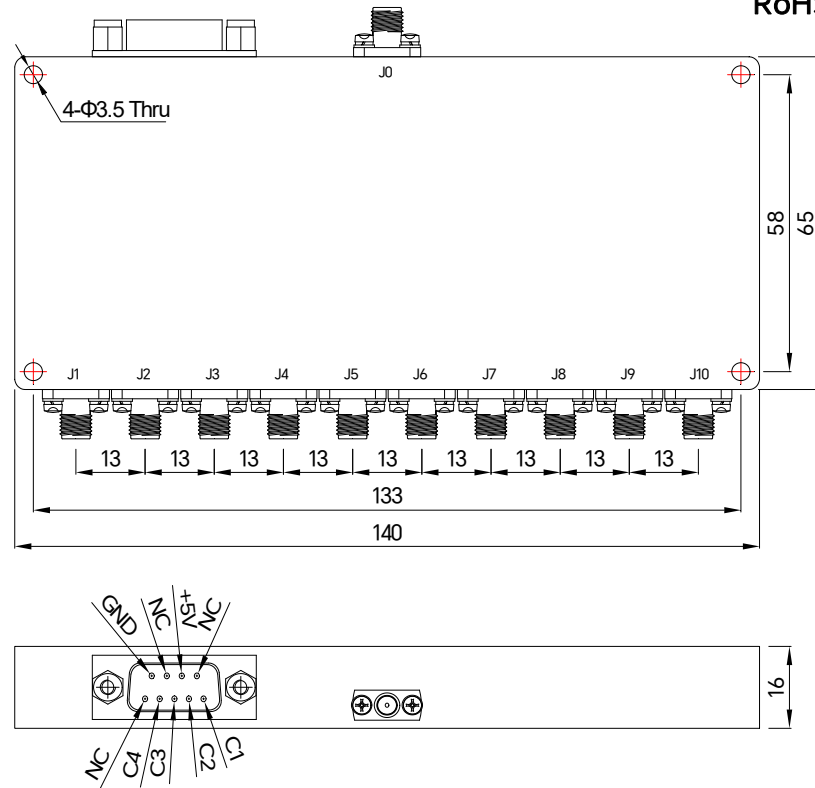
PART NUMBER
TMPS10-00400800-1S

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

SPECIFICATIONS

Frequency Range 0.4-8GHz
 Insertion Loss 4.0dB max
 Isolation 80dB min
 Input&Output VSWR 1.6 max
 RF Input Power 1W
 Switching Speed 200ns max
 Voltage/Current +5Vdc@500mA max
 Connectors SMA-Female
 Control Connector DB9-Male
 Operating Temperature -40°C~+70°C
 Storage Temperature -55°C~+85°C
 Dimensions 140 × 65 × 16mm
 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	High(1)=3.3V-5V
C4	C3	C2	C1	Signal Path State	
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	0	0	0	J0→J9	
1	0	0	1	J0→J10	
1	0	1	0	OFF	

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CAGE CODE

SIGNATURE

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 TITAN MICROWAVE INC. IT IS ISSUED IN STRICT
 CONFIDENCE AND SHALL NOT BE REPRODUCED OR
 USED AS THE BASIS.

DESCRIPTION

**PIN Diode Switch, SP10T, 0.4-8GHz,
 Absorptive, 1W, SMA-Female**



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