

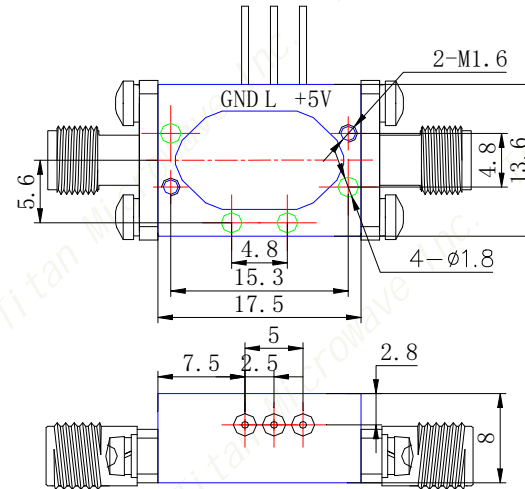
PART NUMBER
TMPS1-00301800-1S

REV.	DATE	COMMENTS	INITIAL
1	2023/8/23	ENGINEERING RELEASE	

SPECIFICATIONS

Frequency Range 0.3-18GHz
 Insertion Loss 3.5dB max
 Isolation 80dB min
 VSWR 1.8:1 max
 RF Input Power 1W max
 Switching Speed 150ns max
 Connectors SMA-Female
 Voltage/Current +5Vdc@100mA max
 Operating Temperature -40°C~+70°C
 Storage Temperature -55°C~+85°C
 Dimensions 17.5 × 13.6 × 8mm
 Material Aluminum 6061

RoHS Compliant



Drawing not to scale, units:mm

Control Truth Table

TTL Control Voltage Threshold	Low(0)=0V
	High(1)=3.3V-5V
L	Signal Path State
0	J0→J1 ON
1	J0→J1 OFF

PART NUMBER		DESCRIPTION
TMPS1-00301800-1S		PIN Diode Switch, SPST, 0.3-18GHz, Absorptive, 1W, SMA-Female
CAGE CODE	SIGNATURE	 TITAN MICROWAVE INC. <small>- A Professional RF & Microwave Components Supplier -</small>
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