

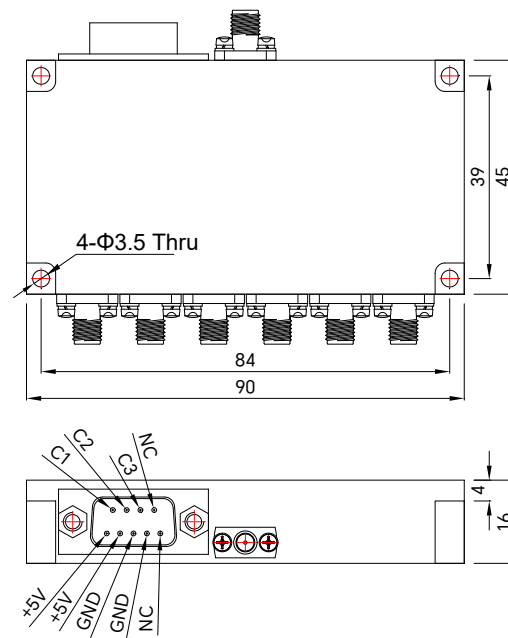
PART NUMBER  
**TMPS6-00400800-2S**

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 ..... 1.5 max  
 RF Input Power ..... 2W(CW)  
 Switching Speed ..... 200ns max  
 Connectors ..... SMA-Female  
 Control Connector ..... DB9-Female  
 Voltage/Current ..... +5Vdc@250mA max  
 Operating Temperature ..... -55°C~+85°C  
 Storage Temperature ..... -55°C~+85°C  
 Dimensions ..... 90 × 45 × 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
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	X	OFF

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CAGE CODE SIGNATURE

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DESCRIPTION  
**PIN Diode Switch, SP6T, 0.4-8GHz, Absorptive, 2W, SMA-Female**



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