

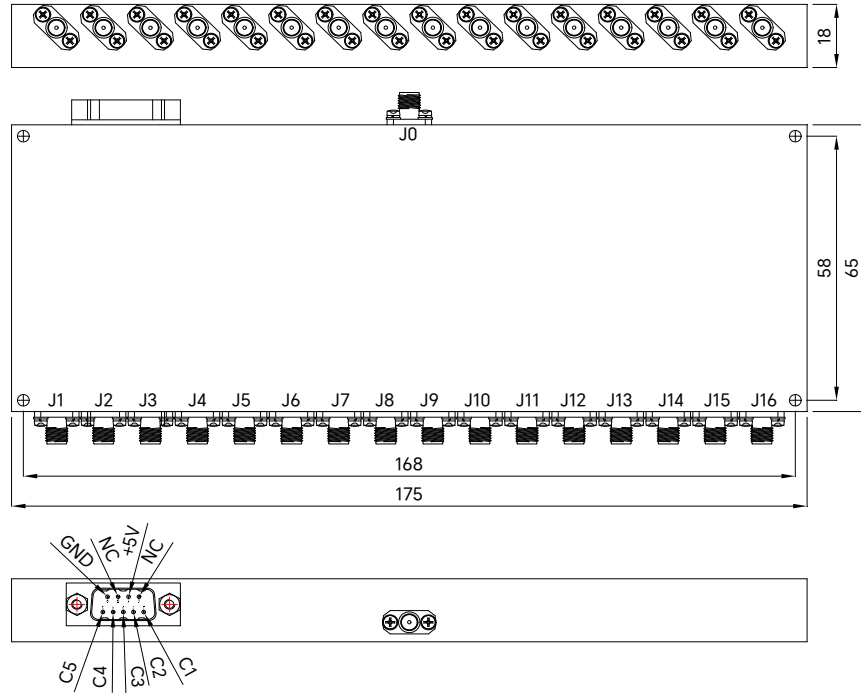
PART NUMBER  
**TMPS16-00400600-2S**

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

**SPECIFICATIONS**

Frequency Range ..... 0.4-6GHz  
 Insertion Loss ..... 4.0dB max  
 Isolation ..... 80dB min  
 Input&Output VSWR ..... 1.6 max  
 RF Input Power ..... 2W  
 Switching Speed ..... 200ns max  
 Voltage/Current ..... +5Vdc@800mA max  
 Connectors ..... SMA-Female  
 Control Connector ..... D-SUB9 Male  
 Operating Temperature ..... -40°C~+70°C  
 Storage Temperature ..... -55°C~+85°C  
 Dimensions ..... 175 × 65 × 18mm  
 Material ..... Aluminum 6061  
 Surface Finish ..... Nickel Plated

RoHS Compliant



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

PART NUMBER <b>TMPS16-00400600-2S</b>		DESCRIPTION <b>PIN Diode Switch, SP16T, 0.4-6GHz, Absorptive, 2W, SMA-Female</b>
CAGE CODE	SIGNATURE	
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www.titan-microwave.com Tel: +86 130 866 58398 Email: sales@titan-microwave.com chris@titan-microwave.com		 <p>成都巨人微波 <b>TITAN MICROWAVE INC.</b> - A Professional RF &amp; Microwave Components Supplier -</p>

0	1	1	0	1	J0→J14
0	1	1	1	0	J0→J15
0	1	1	1	1	J0→J16
1	X	X	X	X	OFF