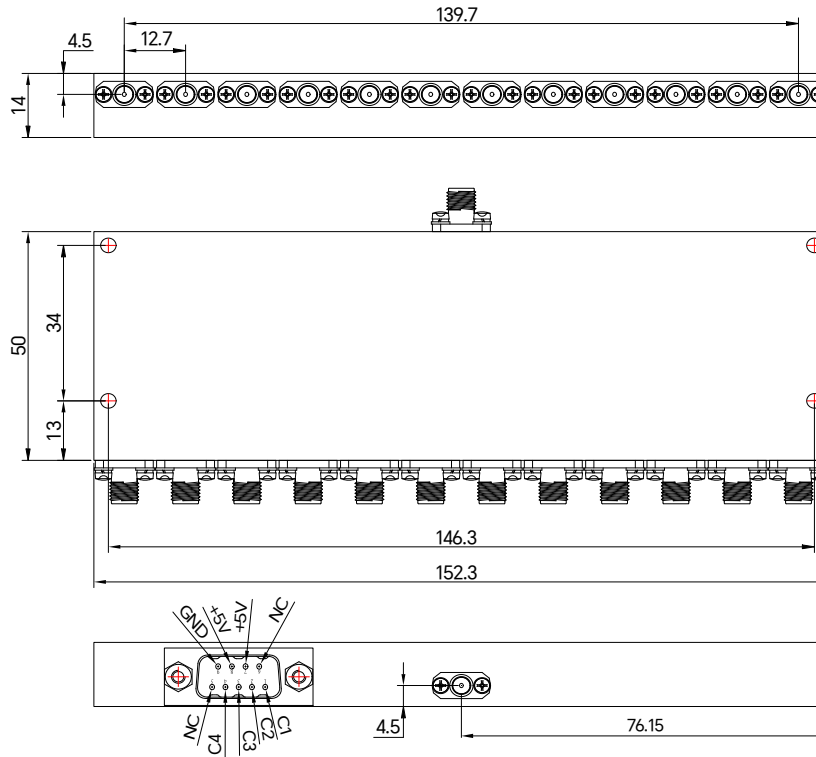


PART NUMBER
TMPS12-00401200-2S

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

SPECIFICATIONS

Frequency Range 0.4-12GHz
 Insertion Loss 5.0dB max
 Isolation 80dB min
 Input&Output VSWR 1.6 max
 RF Input Power 2W
 Switching Speed 200ns max
 Voltage/Current +5Vdc@550mA max
 Connectors SMA-Female
 Control Connector D-SUB9 Male
 Operating Temperature -40°C~+70°C
 Storage Temperature -40°C~+70°C
 Dimensions 152.3 × 50 × 14mm
 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	J0→J11	
1	0	1	1	J0→J12	
1	1	0	0	OFF	

PART NUMBER TMPS12-00401200-2S		DESCRIPTION PIN Diode Switch, SP12T, 0.4-12GHz, Absorptive, 2W, SMA-Female
CAGE CODE	SIGNATURE _____	<p>www.titan-microwave.com Tel: +86 130 866 58398 Email: sales@titan-microwave.com chris@titan-microwave.com</p>
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