

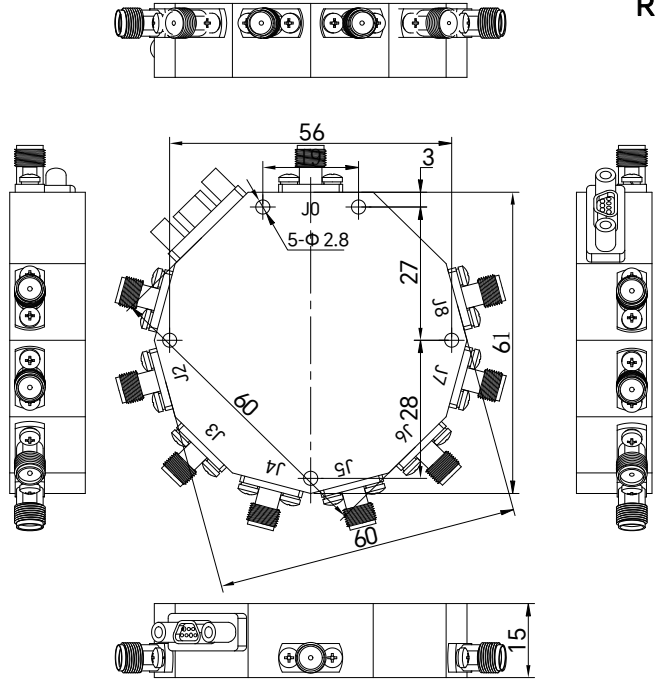
PART NUMBER
TMPS8-07700860-10S

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

SPECIFICATIONS

Frequency Range 7.7-8.6GHz
 Insertion Loss 1.5dB max
 Isolation 25dB min
 Input&Output VSWR 1.5 max
 RF Input Power 10W(CW)
 Switching Speed 500ns max
 Voltage/Current +6Vdc@500mA max
 Connectors SMA-Female
 Control Connector J30J-9ZKP
 Control Type CMOS(0V~3.3V) TTL
 Operating Temperature -55°C~+85°C
 Storage Temperature -55°C~+85°C
 Dimensions 60 × 61 × 15mm
 Material Aluminum 6061
 Surface Finish Nickel Plated

RoHS Compliant




1	C1
2	C2
3	C3
4	NC
5~7	GND
8~9	+6V

Drawing not to scale, units:mm

Control Truth Table

TTL Control Voltage Threshold			-
TTL Control Voltage Threshold			-
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	0	J0→J7
1	1	1	J0→J8

PART NUMBER TMPS8-07700860-10S		DESCRIPTION PIN Diode Switch, SP8T, 7.7-8.6GHz, Reflective, 10W, SMA-Female
CAGE CODE	SIGNATURE _____	 <p>成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -</p> <p>www.titan-microwave.com Tel: +86 130 866 58398 Email: sales@titan-microwave.com chris@titan-microwave.com</p>
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