

SP8T Pin Diode Reflective Switch

4.4 - 5GHz

- Single pole eight throw reflective
- TTL Control
- Broad operating bandwidth
- Rugged construction
- Customization available
- Available with RF connector options: 50 ohm SMA

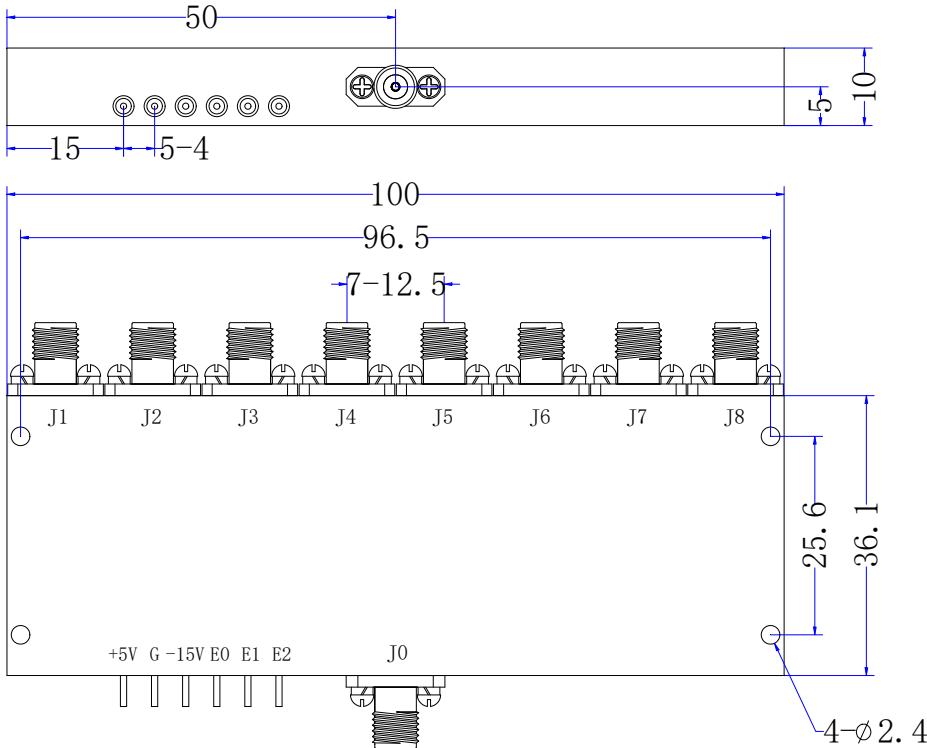
RF Parameter	
Switching Type	Reflective
Frequency Range	4.4 – 5GHz
Isolation(in to out)	55dB min
Isolation(RF to Control)	45dB min
Switching Rate(PRF)	2MHz Max
Insertion Loss	1.5dB Max
VSWR(all conditions)	1.5 Max
Switching time	85ns Max
RF connectors (J0 J1 J2 J3 J4 J5 J6 J7&J8)	SMA Female
Dimensions	100x36.1x10 mm
Weight	<70g
Power handling	5 Watts CW Max

Environmental	
Operating Temp.	-40°C~+85°C

Bias Requirements	
Power Supply Max	+5V DC@180mA -15V DC@60mA
Controls(E0,E1&E2)	Refer Table:1 for details

Table:1-TTL Controls			
E2	E1	E0	Selected port
0	0	0	J1
0	0	1	J2
0	1	0	J3
0	1	1	J4
1	0	0	J5
1	0	1	J6
1	1	0	J7
1	1	1	J8

Physical Dimensions ($\pm 0.3\text{mm}$)



Telecommunication

Satellite Teleport

Military/Security

Radar



WhatsApp: +86 159 8204 8087
Email: info1@raytheosmicrowave.com