

SP4T Pin Diode Reflective Switch

960 - 1215MHz

- Single pole four throw reflective
- TTL Control
- High Power
- Rugged construction
- Customization available
- Available with RF connector options: 50 ohm SMA

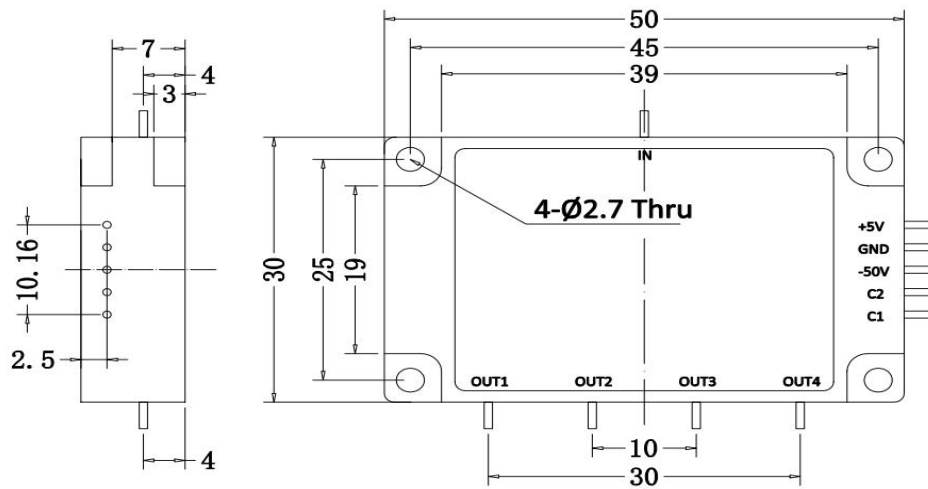
RF Parameter	
Switching Type	Reflective
Frequency Range (MHz)	960~ 1215
Isolation	50dB min
Impedance	50 Ohm
VSWR	≤ 1.4
Insertion Loss	≤ 0.8 dB
Switching time	1us Max
Power handling	1500W peak (4% duty cycle)
Surface Treatment	Electric Conductive Oxidation (Natural colour)
Power & Control Connectors	∅ 0.8 Pin
RF connectors	∅ 0.5 Pin, SMA Removable
Dimensions	50x30x10 mm

Bias Requirements	
Power Supply Max	+5V DC@200mA -50V DC@50mA
Controls(C1&C2)	Refer Table:1 for details

Environmental	
Operating Temperature	-55°C~+85°C
Storage Temperature	-55°C~+85°C

Table:1-TTL Controls		
C2	C1	Selected port
0	0	IN-OUT1
0	1	IN-OUT2
1	0	IN-OUT3
1	1	IN-OUT4

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



Telecommunication



Satellite Teleport



Military/Security



Radar



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