

5000W Pin Diode Reflective Switch Bank

960 - 1250MHz

- Switch bank reflective
- TTL Control
- High Power
- Rugged construction
- Customization available
- Available with RF connector options: 50 ohm SMA

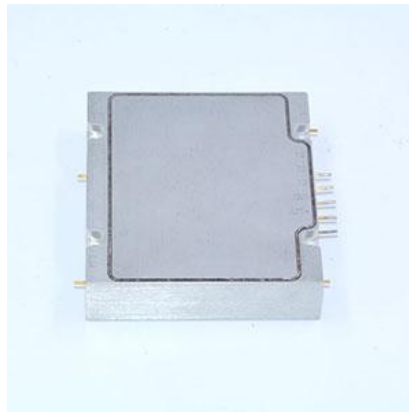
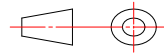
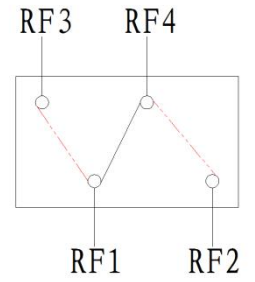
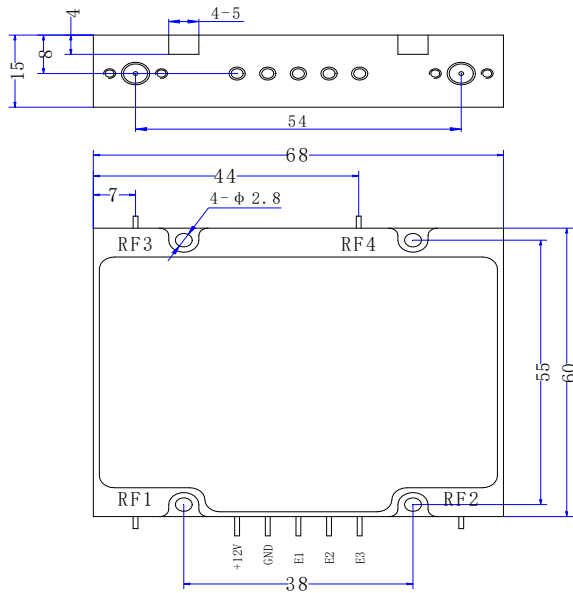
RF Parameter	
Switching Type	Reflective
Frequency Range (MHz)	960~ 1250
Isolation	45 dB min
Impedance	50 Ohm
VSWR	≤ 1.3
Insertion Loss	≤ 0.6 dB
Switching time	1us Max
Power handling (RF1 Port)	5000W peak (1% duty cycle)
Power handling (RF2 Port)	500W peak (2% duty cycle)
Power & Control Connectors	∅ 0.8 Pin
RF connectors	∅ 0.8 Pin
Dimensions	68*60*15 mm

Bias Requirements	
Power Supply Max	+12V DC@400mA
Controls(E1,E2&E3)	Standard TTL Refer Table:1 for details

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

Table:1-TTL Controls					
Control Input TTL			Signal Path State		
E1	E2	E3	RF1-RF3	RF1-RF4	RF2-RF4
0	1	0	ON	OFF	ON
0	1	1	ON	OFF	OFF
1	1	0	OFF	OFF	ON
1	0	1	OFF	ON	OFF

Physical Dimensions (± 0.3mm)



Telecommunication



Satellite Teleport



Military/Security



Radar



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