

HX12KG6082G SPDT Switch

1. Description

ID	Items	Specifications
1-1	Type	Absorptive SPDT Switch
1-2	Frequency Range	0.4 ~ 12GHz
1-3	Isolation	≥80dB
1-4	Insertion Loss	≤3.0dB
1-5	VSWR	≤1.7
1-6	Impedance	50Ω
1-7	RF Input Power	2W
1-8	Switching Speed	≤200ns
1-9	Input/Output Connectors	SMA-F
1-10	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-11	DC Power Supply	+5V/≤100mA

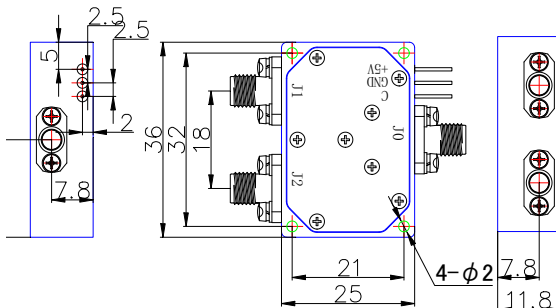
2. Environmental Specifications

ID	Items	Specifications
2-1	Operational Temperature	-40°C ~ +70°C
2-2	Storage Temperature	-55°C ~ +85°C

3. Truth Table

ID	C	Signal Path State
3-1	0	J0→J1
	1	J0→J2

4. Outline Drawing

ID	Items	Specifications
4-1	Outline Drawing	Unit: mm
Tolerances: ±0.1mm  The drawing shows three views of the switch: a side view, a top view, and a front view. The side view shows a height of 5mm and a width of 7.8mm. The top view shows a square footprint with dimensions 21mm by 25mm, with a 4-φ2 hole pattern. The front view shows a width of 11.8mm and a height of 7.8mm. Pin connections are labeled J0, J1, J2, and AS+ (GND).		
4-2	Material	Aluminum
4-3	Finished	Nickel Plated
4-4	Weight	≤30g

NOTE: ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.