

# HX12KG4082G SPDT Switch

## 1. Description

NO	Items	Specifications
1-1	Type	Absorptive SPDT Switch
1-2	Frequency Range	0.4 ~ 8.5GHz
1-3	Isolation	≥80dB
1-4	Insertion Loss	≤2.0dB@0.4 ~ 6GHz ≤2.5dB@6 ~ 8.5GHz
1-5	VSWR	≤1.4
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 Connectors	Φ0.8mm Glass Bead
1-11	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-12	DC Power Supply	+5V/≤100mA

## 2. Environmental Specifications

NO	Items	Specifications
2-1	Operational Temperature	-40°C ~ +70°C
2-2	Storage Temperature	-55°C ~ +85°C

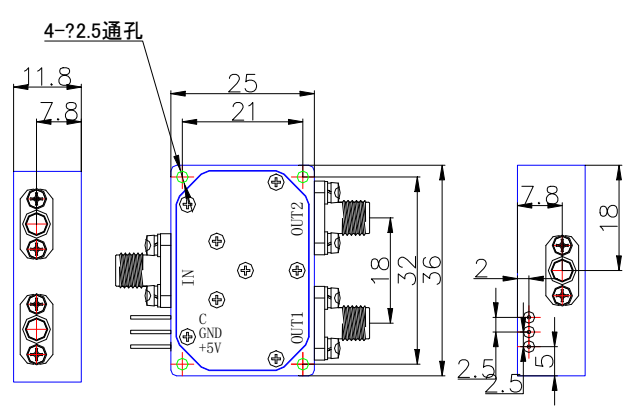
## 3. Truth Table

NO	C	Signal Path State
3-1	0	J0→J1
	1	J0→J2

## 4. Outline Drawing

NO	Items	Specifications
4-1	Outline Drawing	Unit: mm

Tolerances: ±0.1mm



4-2	Material	Aluminum
4-3	Finish	Nickel Plated
4-4	Weight	/

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