

HX12KG2091G SPDT Switch

1. Description

ID	Items	Specifications
1-1	Type	Absorptive SPDT Switch
1-2	Frequency Range	0.4GHz ~ 40GHz
1-3	Isolation	≥60dB
1-4	Insertion Loss	≤2.0dB@0.4GHz ~ 6GHz Typical ≤3.5dB@6GHz ~ 18GHz Typical ≤5.5dB@18GHz ~ 40GHz Typical
1-5	VSWR	≤2.5
1-6	Impedance	50Ω
1-7	RF Input Power	23dBm
1-8	Switching Speed	≤150ns
1-9	Input/Output Connectors	2.92mm-F
1-10	Control	TTL=0V/3.3V ~ 5V
1-11	DC Power Supply	+5V/≤100mA

2. Environmental Specifications

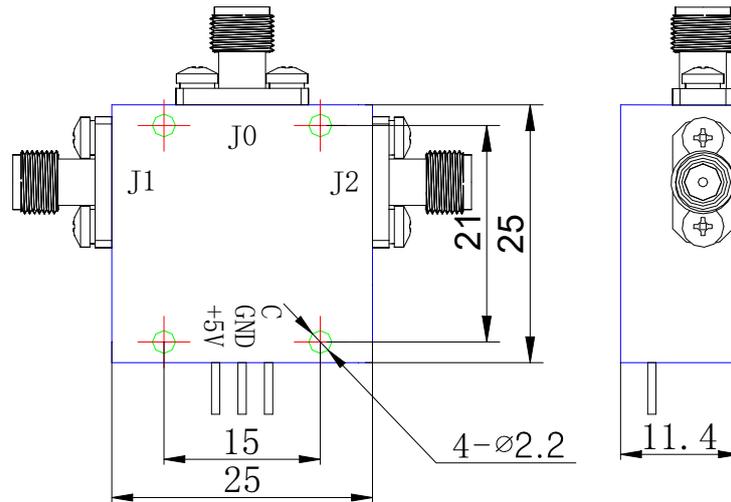
ID	Items	Specifications
2-1	Operational Temperature	-40°C ~ +70°C
2-2	Storage Temperature	-55°C ~ +85°C

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		



4-2	Material	Aluminum
4-3	Finished	Nickel Plated
4-4	Weight	≤30g

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