

HX14KG1091G SP4T Switch

1. Description

ID	Items	Specifications
1-1	Type	Absorptive SP4T Switch
1-2	Frequency Range	50MHz ~ 20GHz
1-3	Isolation	≥80dB@50MHz ~ 12GHz ≥70dB@12GHz ~ 20GHz
1-4	Insertion Loss	≤3.5dB@50MHz ~ 12GHz ≤4.5dB@12GHz ~ 20GHz
1-5	VSWR	≤2.0
1-6	Impedance	50Ω
1-7	RF Input Power	23dBm
1-8	Switching Speed	≤100ns
1-9	Input/Output Connectors	SMA-F
1-10	Control	TTL=0V/5V
1-11	DC Power Supply	+5V/≤20mA

2. Environmental Specifications

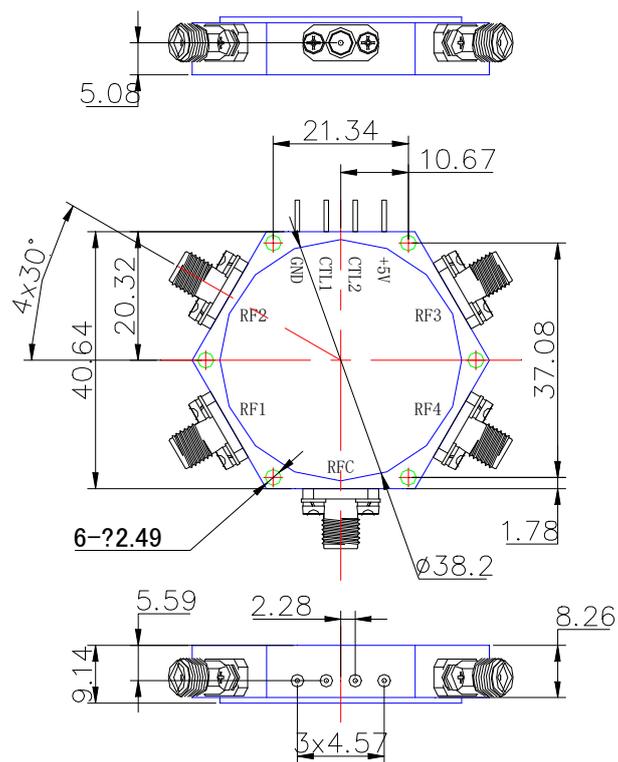
ID	Items	Specifications
2-1	Operational Temperature	-40°C ~ +70°C
2-2	Storage Temperature	-55°C ~ +85°C

3. Truth Table

ID	CTL2	CTL1	Signal Path State
3-1	0	0	J0-J1
	0	1	J0-J2
	1	0	J0-J3
	1	1	J0-J4

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	$\leq 50g$

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