

HX16KG9081G SP6T Switch

1. Description

ID	Items	Specifications
1-1	Type	Absorptive SP6T Switch
1-2	Frequency Range	0.4 ~ 20GHz
1-3	Isolation	≥80dB
1-4	Insertion Loss	≤3.0dB@0.4 ~ 8GHz ≤3.8dB@8 ~ 12GHz ≤4.8dB@12 ~ 18GHz ≤5.5dB@18 ~ 20GHz
1-5	VSWR	≤1.8
1-6	Impedance	50Ω
1-7	RF Input Power	23dBm
1-8	Amplitude Balance	≤0.5dB
1-9	Switching Speed	≤200ns
1-10	Input/Output Connectors	SMA-F
1-11	Control Connectors	Glass Bead
1-12	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-13	DC Power Supply	+5V/≤250mA

2. Environmental Specifications

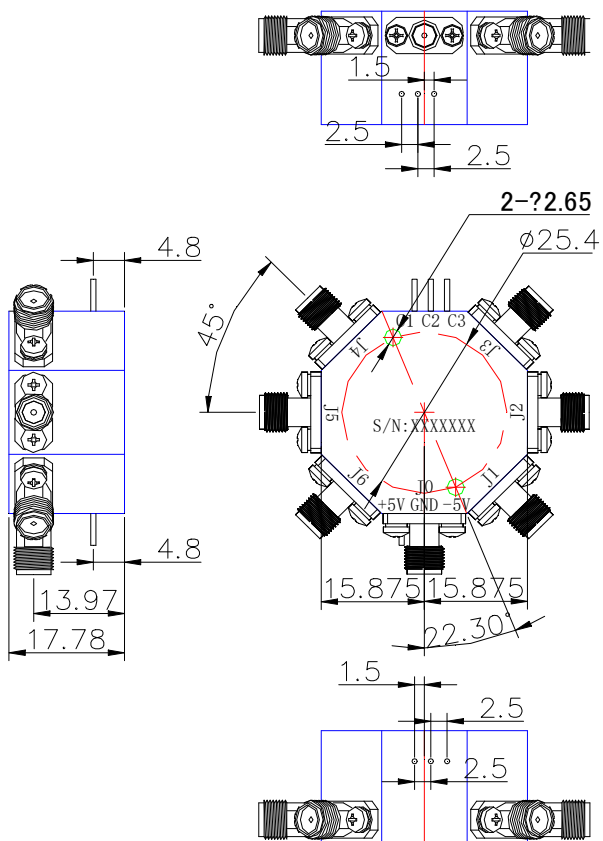
ID	Items	Specifications
2-1	Operational Temperature	-40℃ ~ +70℃
2-2	Storage Temperature	-55℃ ~ +85℃

3. Truth Table

ID	C3	C2	C1	Signal Path State
3-1	0	0	0	J0→J1
	0	0	1	J0→J2
	0	1	0	J0→J3
	0	1	1	J0→J4
	1	0	0	J0→J5
	1	0	1	J0→J6
	1	1	X	All Ports Off

4. Outline Drawing

ID	Items	Specifications
4-1	Outline Drawing	Unit: mm
Tolerances:±0.1mm		



4-2	Material	Aluminum
4-3	Finished	Natural Color
4-4	Weight	≤60g

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