

HX14KG3088G SP4T Switch

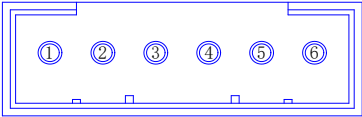
1. Description

ID	Items	Specifications
1-1	Type	Absorptive High Isolation SP4T Switch
1-2	Frequency Range	0.4 ~ 6.0GHz
1-3	Isolation	$\geq 120\text{dB}$
1-4	Insertion Loss	$\leq 3.0\text{dB}$
1-5	VSWR	≤ 1.6
1-6	Impedance	50 Ω
1-7	RF Input Power	2W
1-8	Switching Speed	$\leq 200\text{ns}$
1-9	Input/Output Connectors	SMA-F
1-10	Control Connectors	JL4-6ZJW (Mating Outlet JL4-6TKH)
1-11	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-12	DC Power Supply	+5V/ $\leq 200\text{mA}$

2. Environmental Specifications

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

3. Interface

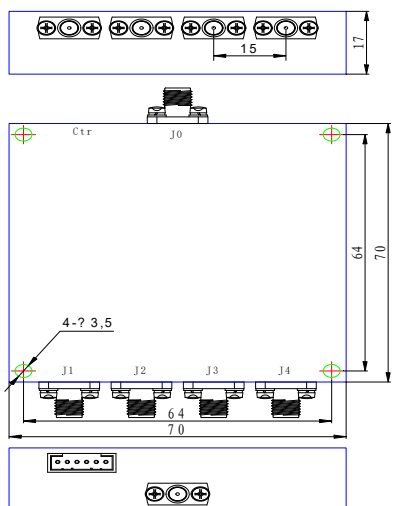
ID	Items	Specifications
3-1	Control Connectors	JL4-6ZJW
		
3-2	NO	Specifications
	1-2	+5V
	2	GND
	3	C1
	7	C2
	9	C3

4. Truth Table

ID	C3	C2	C1	Signal Path State
4-1	0	0	0	J0→J1
	0	0	1	J0→J2
	0	1	0	J0→J3
	0	1	1	J0→J4

	1	X	X	All Ports Off
--	---	---	---	---------------

5. Outline Drawing

ID	Items	Specifications
5-1	Outline Drawing	Unit: mm
Tolerances: $\pm 0.1\text{mm}$  The drawing shows a rectangular component with overall dimensions of 70 mm by 64 mm. The top edge features a row of 10 circular ports with a 15 mm spacing between the first two. The bottom edge has four rectangular ports labeled J1, J2, J3, and J4, with a 64 mm spacing between J1 and J2, and a 70 mm spacing between J3 and J4. A central port is labeled J0. The left edge has a 4-? 3,5 dimension. The right edge has a 64 mm dimension. The bottom edge has a 70 mm dimension. The top edge has a 17 mm dimension. The center is marked with 'C tr'.		
5-2	Material	Aluminum
5-3	Finished	Nickel Plated
5-4	Weight	/

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