

HX18KG4083G SP8T Switch

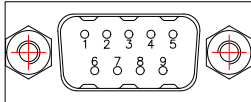
1. Description

ID	Items	Specifications
1-1	Type	Reflective SP8T Switch
1-2	Frequency Range	300KHz ~ 8GHz
1-3	Isolation	≥55dB
1-4	Insertion Loss	≤3.5dB@300KHz ~ 4GHz ≤4.5dB@4 ~ 8GHz
1-5	VSWR	≤1.6
1-6	Impedance	50Ω
1-7	RF Input Power	30dBm
1-8	Switching Speed	≤500ns
1-9	Input/Output Connectors	SMA-F
1-10	Control Connectors	DB9-male
1-11	Control	TTL 电平 (0V 低电平 用 "0" 表示, 3.3V-5V 高电平 用 "1" 表示)
1-12	DC Power Supply	+5V/DC (电流≤300mA)

2. Environmental Specifications

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

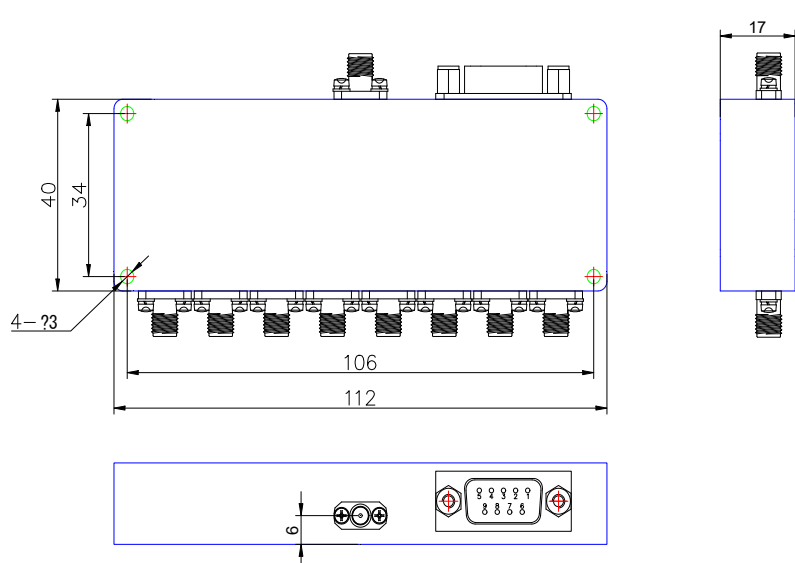
3. Interface

ID	Items	Specifications
3-1	Control Connectors	DB9-male
		
3-2	ID	Specifications
	1	C1
	2	C2
	3	C3
	4	C4
	5	NC
	6	NC
	7	+5V
8	NC	
9	GND	

4. Truth Table

ID	C4	C3	C2	C1	Signal Path State
4-1	0	0	0	0	J0→J1
	0	0	0	1	J0→J2
	0	0	1	0	J0→J3
	0	0	1	1	J0→J4
	0	1	0	0	J0→J5
	0	1	0	1	J0→J6
	0	1	1	0	J0→J7
	0	1	1	1	J0→J8
	1	X	X	X	All Ports Off

5. Outline Drawing

ID	Items	Specifications
5-1	Outline Drawing	Unit: mm
Tolerances:±0.1mm		
		
5-2	Material	Aluminum
5-3	Finished	Nickel Plated
5-4	Weight	≤140g

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