

HX18KG2591G SP8T Switch

1. Description

ID	Items	Specifications
1-1	Type	Absorptive SP8T Switch
1-2	Frequency Range	0.3 ~ 50GHz
1-3	Isolation	≥70dB
1-4	Insertion Loss	≤9.0dB
1-5	VSWR	≤3.0
1-6	Impedance	50Ω
1-7	RF Input Power	23dBm
1-8	Switching Speed	≤250ns
1-9	Input/Output Connectors	2.92-F
1-10	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-11	DC Power Supply	+5V/≤400mA

2. Environmental Specifications

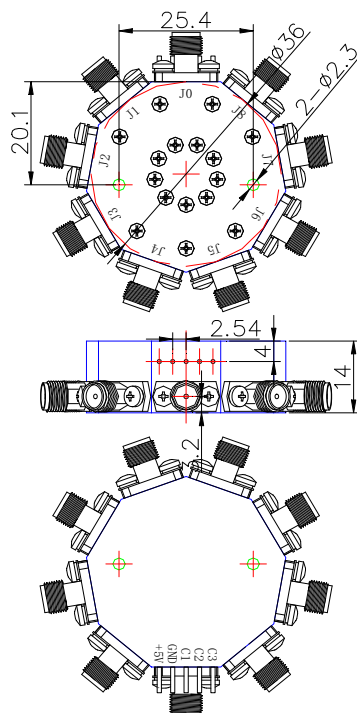
ID	Items	Specifications
2-1	Operational Temperature	-40℃ ~ +70℃
2-2	Storage Temperature	-55℃ ~ +85℃

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	0	J0→J7
	1	1	1	J0→J8

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	≤80g

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