

HX140KG6081G SP40T Switch

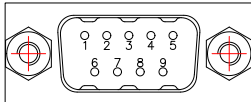
1. Description

ID	Items	Specifications
1-1	Type	Absorptive SP40T Switch
1-2	Frequency Range	0.3 ~ 18GHz
1-3	Isolation	≥80dB
1-4	Insertion Loss	≤9.0dB
1-5	Channel Amplitude Consistency	≤±0.6dB
1-6	VSWR	≤2.0
1-7	Impedance	50Ω
1-8	RF Input Power	24dBm
1-9	Switching Speed	≤200ns
1-10	Input/Output Connectors	SMA-F
1-11	Control Connectors	DB9-Male
1-12	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-13	DC Power Supply	+5V/≤1.8A

2. Environmental Specifications

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

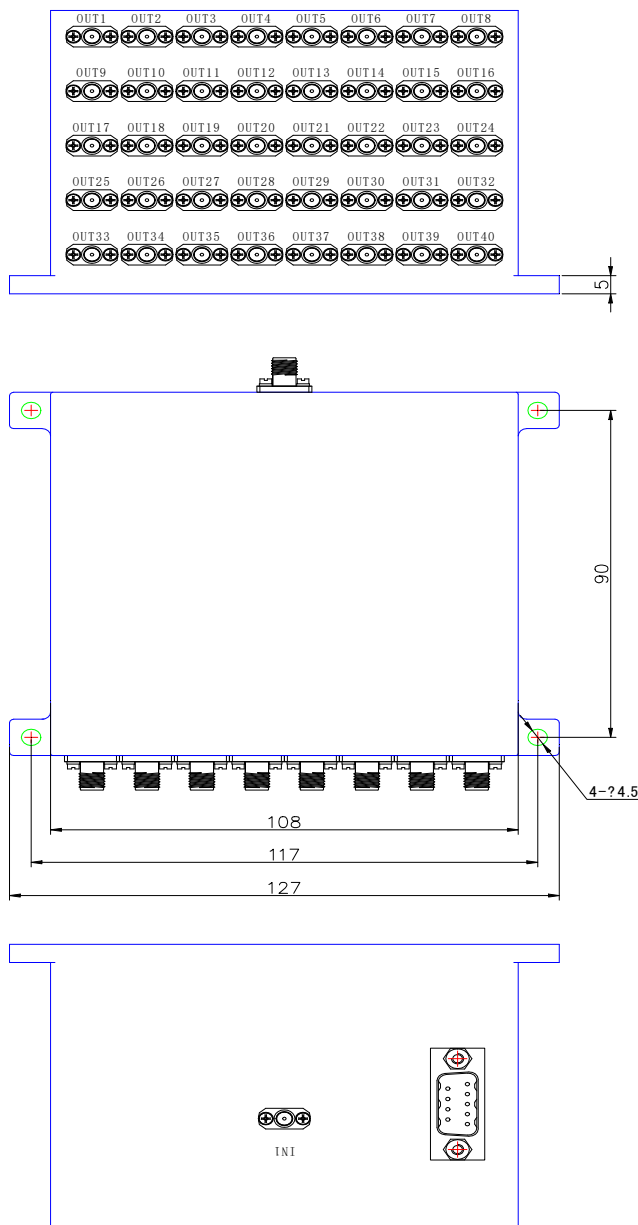
3. Interface

ID	Items	Specifications
3-1	Control Connectors	DB9-Male
		
3-2	NO	Specifications
	1	C1
	2	C2
	3	C3
	4	C4
	5	C5
	6	C6
	7	+5V
	8	NC
	9	GND

4. Truth Table

ID	C6	C5	C4	C3	C2	C1	Signal Path State
4-1	0	0	0	0	0	0	J0→J1
	0	0	0	0	0	1	J0→J2
	0	0	0	0	1	0	J0→J3
	0	0	0	0	1	1	J0→J4
	0	0	0	1	0	0	J0→J5
	0	0	0	1	0	1	J0→J6
	0	0	0	1	1	0	J0→J7
	0	0	0	1	1	1	J0→J8
	0	0	1	0	0	0	J0→J9
	0	0	1	0	0	1	J0→J10
	0	0	1	0	1	0	J0→J11
	0	0	1	0	1	1	J0→J12
	0	0	1	1	0	0	J0→J13
	0	0	1	1	0	1	J0→J14
	0	0	1	1	1	0	J0→J15
	0	0	1	1	1	1	J0→J16
	0	1	0	0	0	0	J0→J17
	0	1	0	0	0	1	J0→J18
	0	1	0	0	1	0	J0→J19
	0	1	0	0	1	1	J0→J20
	0	1	0	1	0	0	J0→J21
	0	1	0	1	0	1	J0→J22
	0	1	0	1	1	0	J0→J23
	0	1	0	1	1	1	J0→J24
	0	1	1	0	0	0	J0→J25
	0	1	1	0	0	1	J0→J26
	0	1	1	0	1	0	J0→J27
	0	1	1	0	1	1	J0→J28
	0	1	1	1	0	0	J0→J29
	0	1	1	1	0	1	J0→J30
	0	1	1	1	1	0	J0→J31
	0	1	1	1	1	1	J0→J32
	1	0	0	0	0	0	J0→J33
	1	0	0	0	0	1	J0→J34
	1	0	0	0	1	0	J0→J35
	1	0	0	0	1	1	J0→J36
	1	0	0	1	0	0	J0→J37
	1	0	0	1	0	1	J0→J38
	1	0	0	1	1	0	J0→J39
	1	0	0	1	1	1	J0→J40
	1	1	X	X	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 includes three views of a microwave oven. The top view shows a rectangular layout with 40 output ports labeled OUT1 through OUT40, arranged in five rows of eight. The front view shows a rectangular unit with a height of 90 mm and a width of 127 mm. It features a control panel on the right side with a digital display and buttons, and a door handle on the left. The bottom view shows the base of the unit with a width of 127 mm and a depth of 108 mm. Dimensions are given in millimeters.		
5-2	Material	Aluminum
5-3	Finished	Natural Plated
5-4	Weight	/

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