

# HX112KG1391G SP12T Switch

## 1. Description

ID	Items	Specifications
1-1	Type	Absorptive SP12T Switch
1-2	Frequency Range	0.4 ~ 26.5GHz
1-3	Isolation	≥80dB
1-4	Insertion Loss	≤6.0dB@0.4 ~ 18GHz ≤8.0dB@18 ~ 26.5GHz
1-5	VSWR	≤2.5
1-6	Impedance	50Ω
1-7	RF Input Power	24dBm
1-8	Switching Speed	≤200ns
1-9	Input/Output Connectors	SMA-F
1-10	Control Connectors	Φ0.8mm Glass Bead
1-11	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-12	DC Power Supply	+5V/≤600mA

## 2. Environmental Specifications

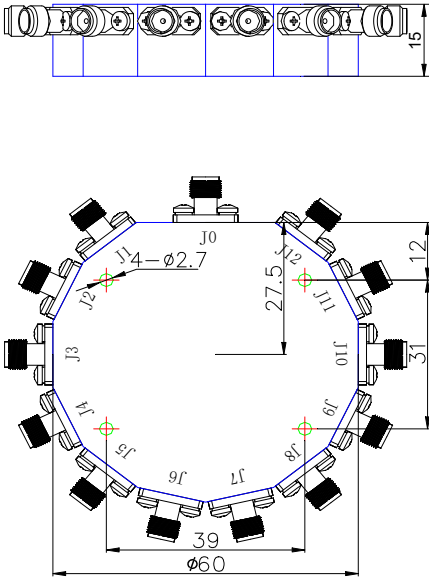
ID	Items	Specifications
2-1	Operational Temperature	-40°C ~ +70°C
2-2	Storage Temperature	-55°C ~ +85°C

## 3. Truth Table

ID	C4	C3	C2	C1	Signal Path State
3-1	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	0	0	0	J0→J9
	1	0	0	1	J0→J10
	1	0	1	0	J0→J11
	1	0	1	1	J0→J12
1	1	1	0	Shut Down All	

## 4. Outline Drawing

ID	Items	Specifications
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4-1	Outline Drawing	Unit: mm
<p>Tolerances:±0.1mm</p> 		
4-2	Material	Aluminum
4-3	Finish	Nickel Plated
4-4	Weight	/

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