

HX132KG6081G SP32T Switch

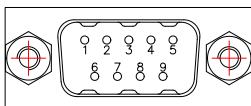
1. Description

NO	Items	Specifications
1-1	Type	Absorptive SP32T Switch
1-2	Frequency Range	0.3 ~ 18GHz
1-3	Isolation	≥80dB
1-4	Insertion Loss	≤7.8dB
1-5	VSWR	≤2.0
1-6	Impedance	50Ω
1-7	RF Input Power	23dBm
1-8	Switching Speed	≤200ns
1-9	Input/Output Connectors	SMA-F
1-10	Control Connectors	DB9-Male
1-11	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-12	DC Power Supply	+5V/≤1.5A

2. Environmental Specifications

NO	Items	Specifications
2-1	Operational Temperature	-40°C ~ +70°C
2-2	Storage Temperature	-55°C ~ +85°C

3. Interface

NO	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	

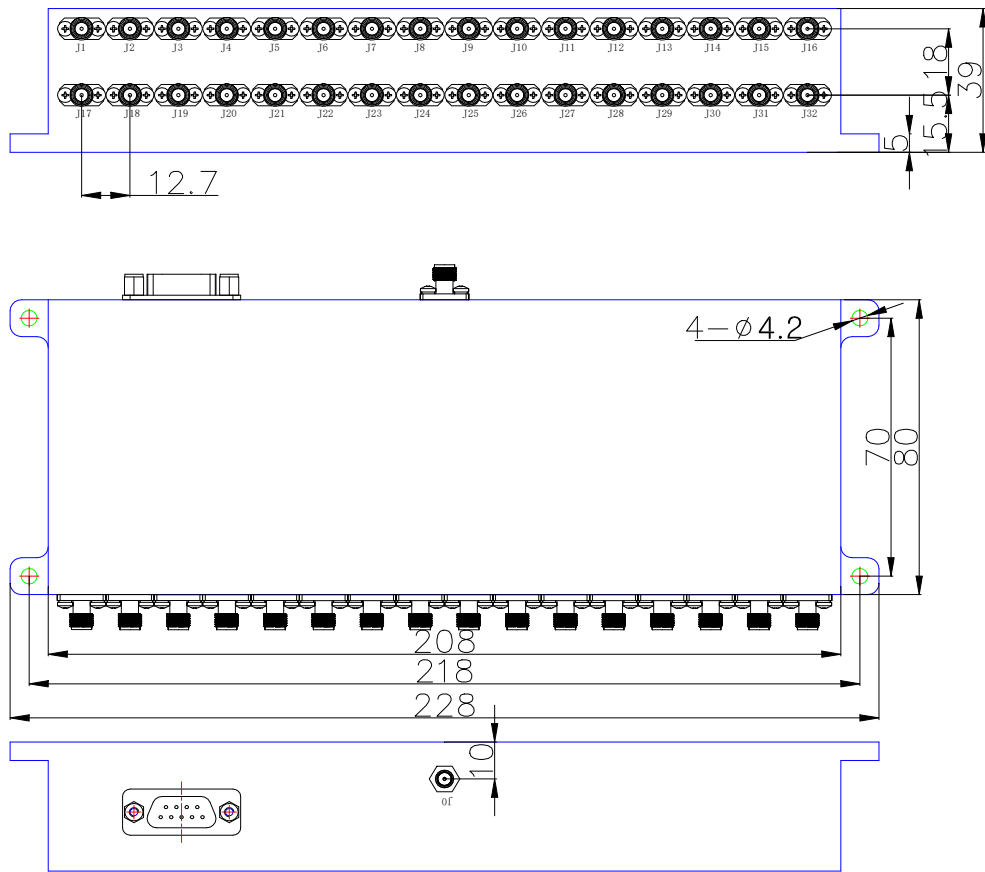
4. Truth Table

C6	C5	C4	C3	C2	C1	Signal Path State
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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	X	X	X	X	X	All Ports Off

5. Outline Drawing

NO	Items	Specifications
5-1	Outline Drawing	Unit: mm
Tolerances:±0.1mm		



5-2	Material	Aluminum
5-3	Finished	Natural Plated
5-4	Weight	/

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