

HX22KG4083G DPDT Switch

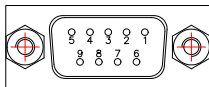
1. Description

ID	Items	Specifications
1-1	Type	DPDT Switch
1-2	Frequency Range	0.4GHz ~ 8.5GHz
1-3	Isolation	≥70dB@0.4GHz ~ 7.5GHz ≥60dB@7.5GHz ~ 8.5GHz
1-4	Insertion Loss	≤2.0dB
1-5	VSWR	≤1.6
1-6	Impedance	50Ω
1-7	RF Input Power	2W
1-8	Switching Speed	≤200ns
1-9	Input/Output Connectors	SMA-F
1-10	Control Connectors	DB9-Female
1-11	Control	TTL=0V/3.3V ~ 5V
1-12	DC Power Supply	+5V/≤100mA

2. Environmental Specifications

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

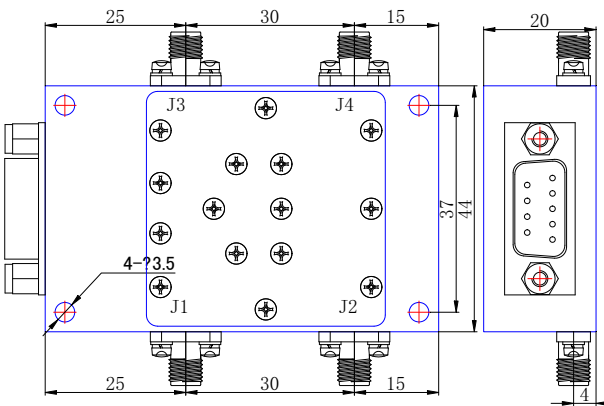
3. Interface

ID	Items	Specifications
3-1	Control Connectors	DB9-Female
		
3-2	NO	Specifications
	1	+5V
	2	GND
	3	C
	4 ~ 9	NC

4. Truth Table

ID	C	Signal Path State
4-1	0	J1-J3, J2-J4
	1	J1-J4, J2-J3

5. Outline Drawing

ID	Items	Specifications
5-1	Outline Drawing	Unit: mm
<p>Tolerances:±0.1mm</p>  <p>The drawing shows a rectangular component with a central grid of 16 circular features. Dimensions include: 25mm from the left edge to the center of the first column; 30mm between the centers of the first and second columns; 15mm from the center of the second column to the right edge of the main body; 20mm for the width of the right-side connector; 37mm for the height of the main body; 44mm for the total height including the connector; 4mm for the thickness of the component; and 4-φ3.5 for the diameter of the four corner mounting holes.</p>		
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.