

# HX12KG2091G SPDT Switch

## 1. Description

ID	Items	Specifications
1-1	Type	Absorptive SPDT Switch
1-2	Frequency Range	0.3 ~ 40GHz
1-3	Isolation	≥60dB
1-4	Insertion Loss	≤3.0@0.3 ~ 20GHz ≤5.5@20 ~ 40GHz
1-5	VSWR	≤2.5
1-6	Impedance	50Ω
1-7	RF Input Power	23dBm
1-8	Switching Speed	≤150ns
1-9	Input/Output Connectors	2.92-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/≤100mA

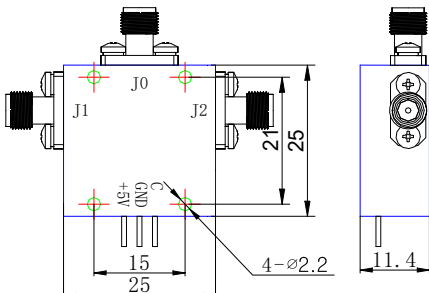
## 2. Environmental Specifications

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

## 3. Truth Table

ID	C	Signal Path State
3-1	0	J0→J1
	1	J0→J2

## 4. Outline Drawing

ID	Items	Specifications
4-1	Outline Drawing	Unit: mm
Tolerances:±0.1mm		
		
4-2	Material	Aluminum
4-3	Finish	Natural Color

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4-4	Weight	30g
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NOTE: ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.