

# HX12KG2681G High-Power SPDT Switch

## 1. Description

ID	Items	Specifications
1-1	Type	Reflective High-Power SPDT Switch
1-2	Frequency Range	2 ~ 6GHz
1-3	Isolation	≥40dB
1-4	Insertion Loss	≤1.4dB
1-5	VSWR	≤1.5
1-6	Impedance	50Ω
1-7	RF Input Power	50W CW
1-8	Switching Speed	≤1μs
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	+12V/≤200mA

## 2. Environmental Specifications

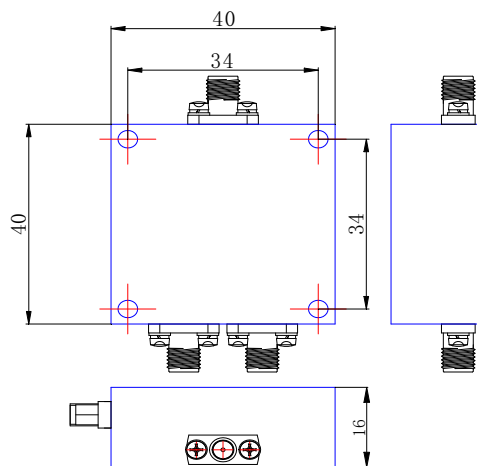
ID	Items	Specifications
2-1	Operational Temperature	-40°C~+70°C
2-2	Storage Temperature	-55°C~+85°C

## 3. Truth Table

ID	TTL	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	Nickel Plated
4-4	Weight	/

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