

HX12KG1291G High-Power SPDT Switch

1. Description

ID	Items	Specifications
1-1	Type	Reflective High-Power SPDT Switch
1-2	Frequency Range	6 ~ 18GHz
1-3	Isolation	≥40dB
1-4	Insertion Loss	≤2.0dB
1-5	VSWR	≤2.0
1-6	Impedance	50Ω
1-7	RF Input Power	20W CW
1-8	0.1dB Compression point	/
1-9	IIP3	/
1-10	Switching Speed	≤1us
1-11	Input/Output Connectors	SMA-F
1-12	Control Connectors	Φ0.8mm Glass Bead
1-13	Control	TTL=0 ~ 0.8V/3.3 ~ 5V
1-14	DC Power Supply	+12V/≤200mA

2. Environmental Specifications

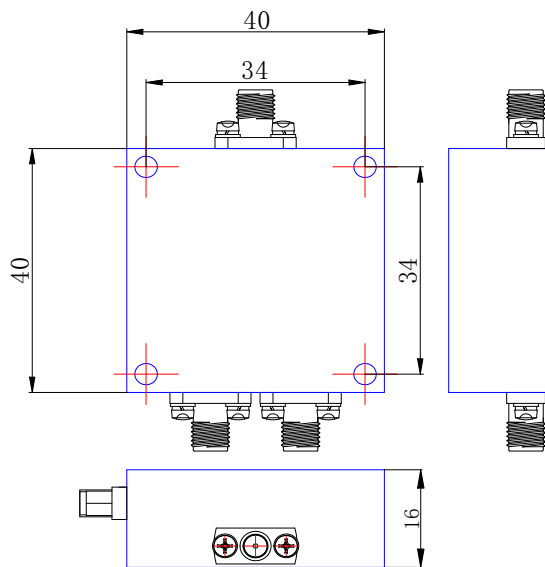
ID	Items	Specifications
2-1	Operational Temperature	-40°C ~ +70°C
2-2	Storage Temperature	-55°C ~ +85°C

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	Natural Color
4-4	Weight	/

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