

Typical Applications

- Fixed Wireless & Microwave Radio below 12 GHz
- Military, Space & Satellite Communications
- Test and Measurement Equipment
- Antenna Switching

Main Features

Wideband 3.8 – 11.7 GHz
 Excellent Isolation
 SMA Connectorized

Electrical Specifications

Parameter	Unit	Specification
Frequency Range	GHz	3.8 – 11.7
Isolation	dB	60 min
Insertion Loss	dB	< 2.2
Flatness "ON State"	dB	< 1.2
VSWR Input/Output		1.8 : 1 max
Switching Time	ns	50 max
Operating Power	dBm	20 max
In/Out Impedance	Ohm	50 typ.
Power Supply	V	±5V
Control Logic		TTL "1" OFF State ; "0" ON State ; +3.6V < "1" < +5V

Mechanical Specifications

Parameter	Unit	Specification
RF connectors		J1 to J4 = SMA-Female, J0 = SMA-Male
Finish		Inner : Gold Platted Surface : Alodine and Laser sealing

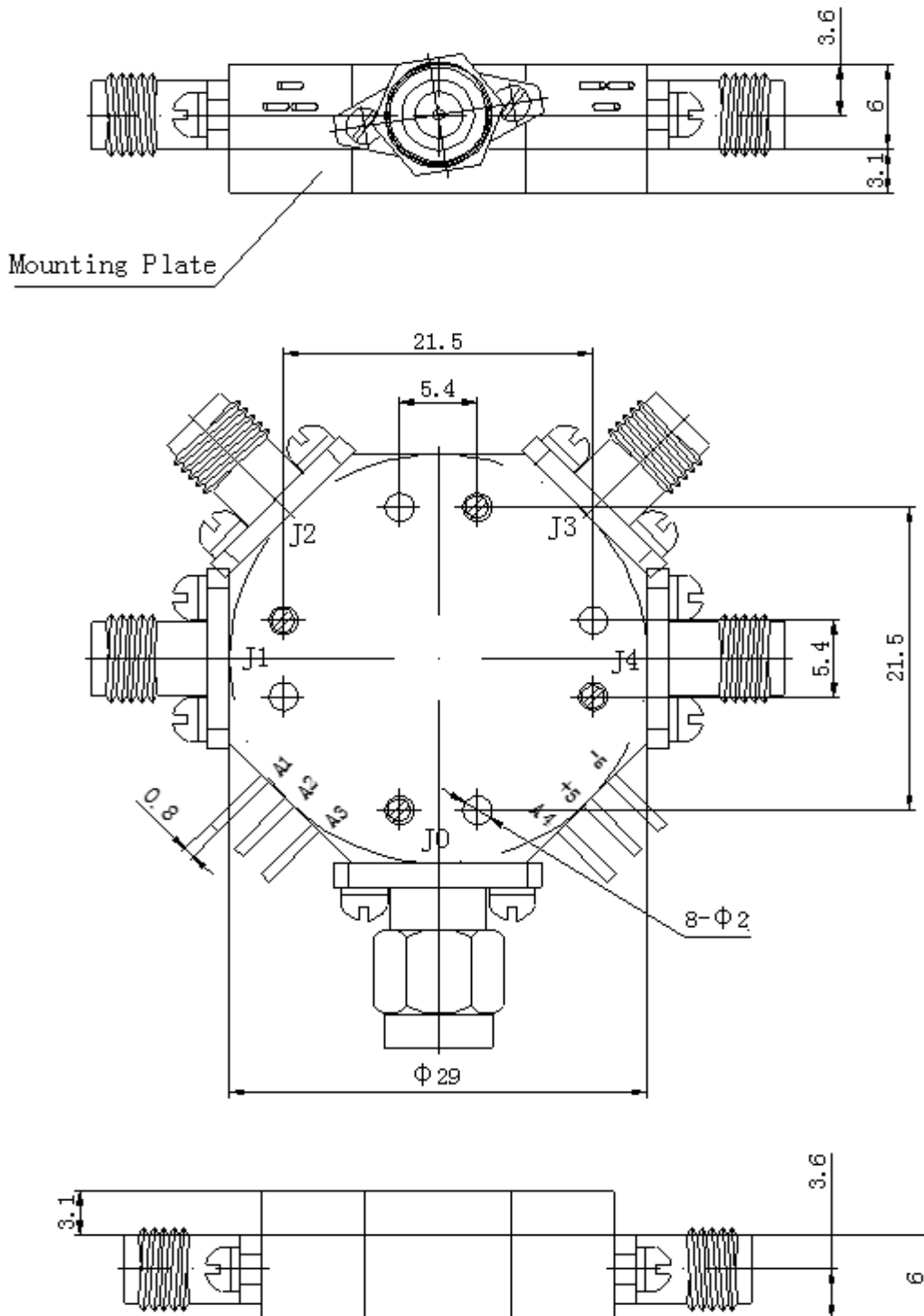
Environment

Parameter	Unit	Specification
Operating Temperature	°C	-40°C to +85°C

Outline drawing

All dimensions in mm

Input/Output : 50 Ohm, J1 to J4 = SMA-F, J0=SMA-M



Products and Product Information are Subject to Change Without Notice