

FEATURES

- LOW Cost,High Quality
- Compact Size,Light Weight
- High Performance
- Wide Operation Temperature Range
- Octave and Multi-octave Bands

APPLICATIONS

- Load isolation
- Module integration



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	7		18	GHz
Band Width		300		MHz
Insertion Loss			0.3	dB
Isolation			23	dB
VSWR			1.2	Ratio
Power Handling(average)			10	Watt

ENVIRONMENTAL RATINGS:

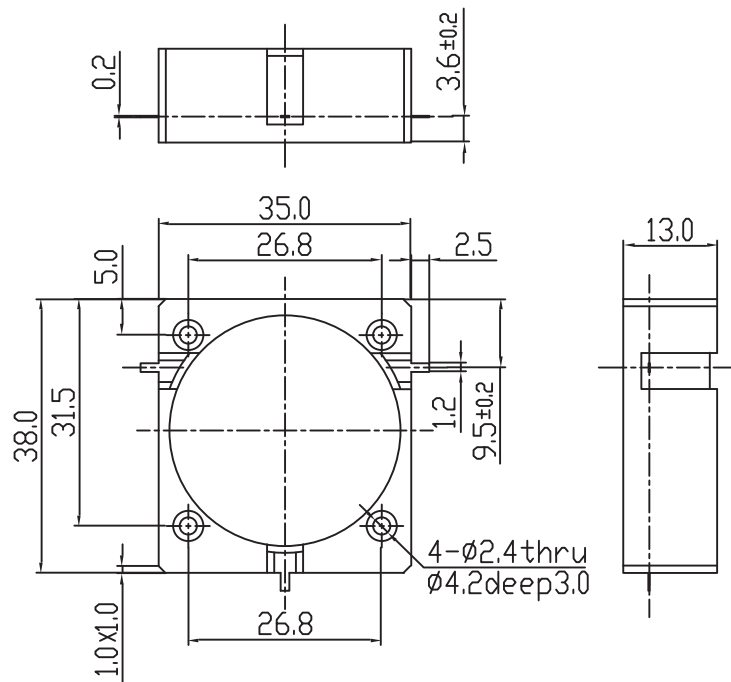
Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+75	℃
Non-operating Temperature	-40		85	℃
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	Feet
Shock / Vibration (MIL-STD-810F)		Airbone		
ROHS		Compliant		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions(L*W*H)	12.7*17*8	Max	Milimeter
Weight	100	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		Ohms

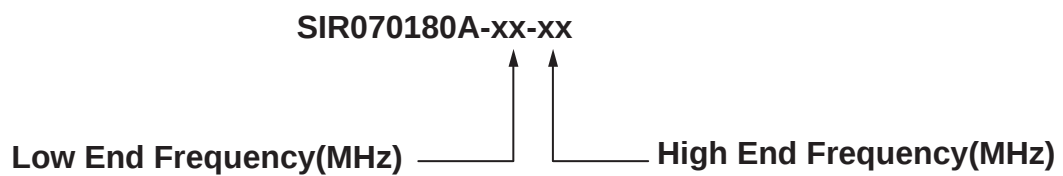
Other frequency bands&specifications are also available

OUTLINE DRAWING(mm):



DN01

HOW TO ORDER



Example: To order a 12000-12300MHz Circulator and specify SIR070180A-12000-12300