

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	31.8		33.4	GHz
Band Width		1600		MHz
Insertion Loss			0.4	dB
Isolation	20			dB
VSWR			1.22	Ratio
Power Handling(average)			30	Watt

ENVIRONMENTAL RATINGS:

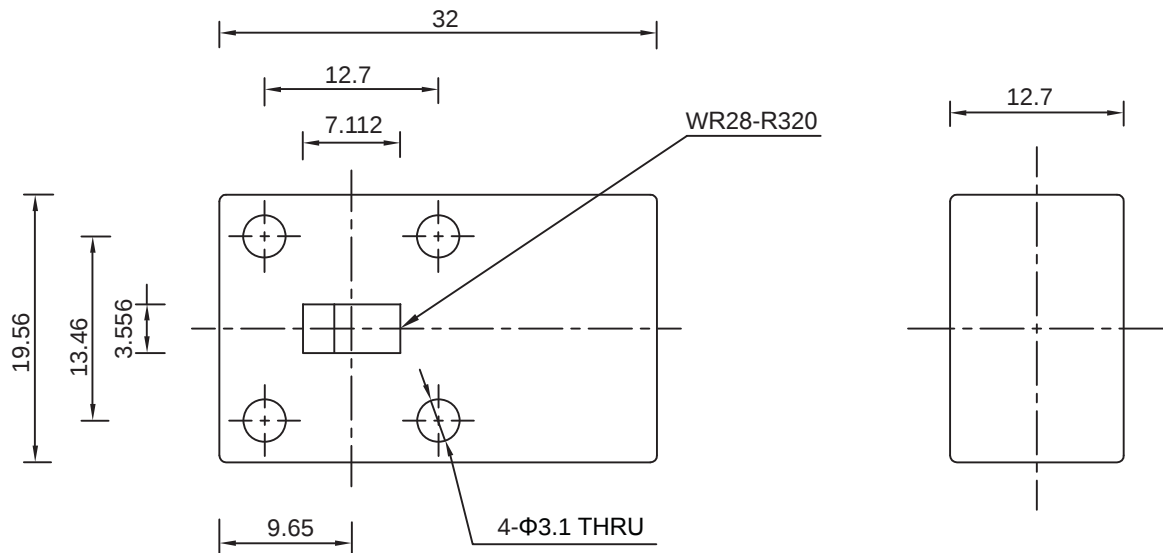
Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+85	℃
Non-operating Temperature	-40		+85	℃
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	Feet
Shock / Vibration (MIL-STD-810F)		Airbone		
ROHS		Compliant		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions(L*W*H)	32*19.56*12.7	Max	Milimeter
Weight	50	Max	gram
RF Connectors Input	Stripline		
RF Connectors output	Stripline		
Impedance	50		Ohms

Other frequency bands&specifications are also available

OUTLINE DRWAING(mm):



WS14

HOW TO ORDER

WIS318334A-xx-xx

Low End Frequency(MHz)

High End Frequency(MHz)

Example: To order a 31800-33400 MHz Isolator and specify WIS318334A-31800-33400