

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	7.7		8.4	GHz
Band Width		full		MHz
Insertion Loss			0.4	dB
Isolation	20			dB
VSWR			1.25:1	Ratio
Power Handling(average)			30	Watt

ENVIRONMENTAL RATINGS:

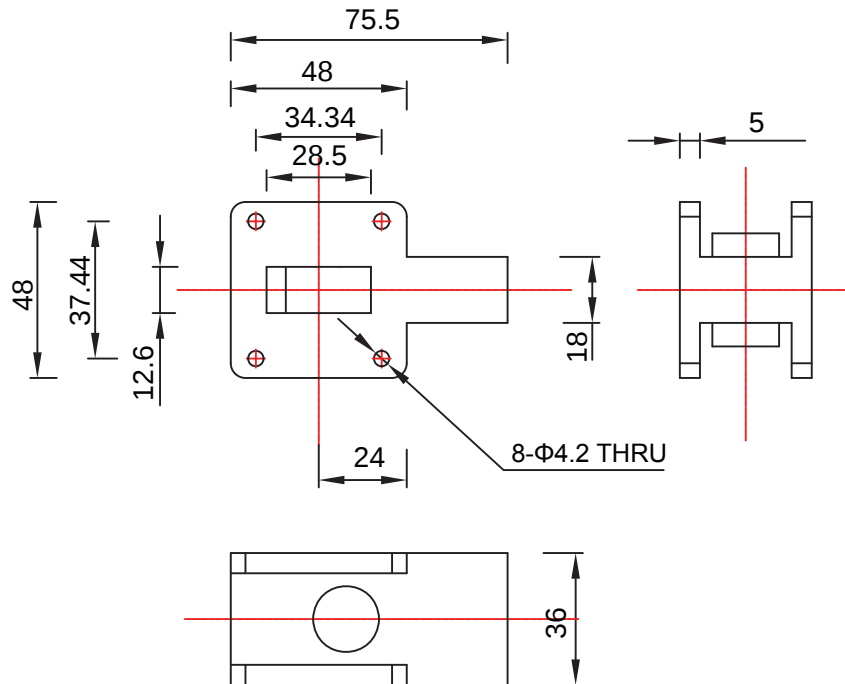
Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+80	°C
Non-operating Temperature	-40		85	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	Feet
Shock / Vibration (MIL-STD-810F)		Airbone		
ROHS		Compliant		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions(L*W*H)	75.5*48*36	Max	Milimeter
Weight	50	Max	gram
RF Connectors Input	WR12		
RF Connectors output	WR12		
Impedance	50		Ohms

Other frequency bands&specifications are also available

OUTLINE DRWAING(mm):



WS01

HOW TO ORDER

WIS077084A-xx-xx

Low End Frequency(GHz)

High End Frequency(GHz)

Example: To order a 7.7-8.4GHz Isolator and specify WIS077084A-7.7-8.4