

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	12		18	GHz
Band Width		1000		MHz
Insertion Loss			0.4	dB
Isolation	23			dB
VSWR			1.2	Ratio
Power Handling(average)		5		Watt

ENVIRONMENTAL RATINGS:

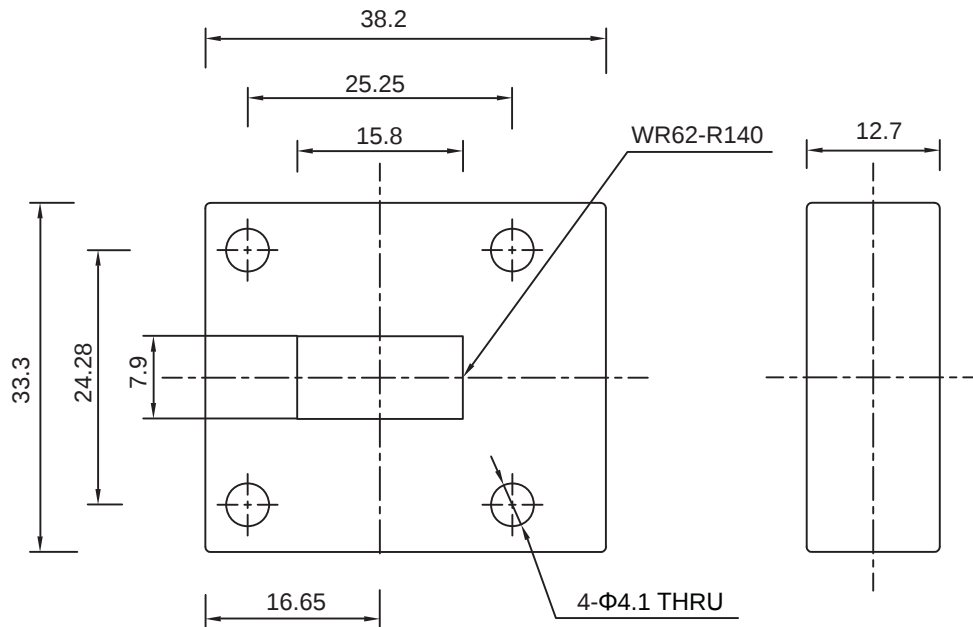
Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+80	℃
Non-operating Temperature	-40		85	℃
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	Feet
Shock / Vibration (MIL-STD-810F)		Airbone		
ROHS		Compliant		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions(L*W*H)	38.3*33.3*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):



WS04

HOW TO ORDER

WIS120180A-xx-xx

Low End Frequency(MHz)

High End Frequency(MHz)

Example: To order a 14000-14500MHz Isolator and specify WIS120180A-14000-14500