



APPLICATIONS and Usage	Product FEATURES
<ul style="list-style-type: none"> <li>•Microwave Radio &amp; VSAT</li> <li>•Military &amp; Space</li> <li>•Test Instrumentation</li> <li>•Fiber Optics</li> </ul>	<ul style="list-style-type: none"> <li>•Wide Bandwidth</li> <li>•low Power Consumption</li> <li>•low Noise Figure</li> <li>•Miniature Sizes, Field Removable connector</li> <li>•Compact/Rugged Thin-Film Construction</li> </ul>

### ELECTRICAL SPECIFICATIONS @25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	10		1500	MHz
Small Signal Gain	30			dB
Small Signal Gain Flatness		± 1		dB
Noise Figure			1.5	dB
Output Power 1dB compression	10			dBm
IP3				dBm
VSWR Input/ Output			2:1	Ratio
DC Power Supply		12		Volt
Current		100		mA

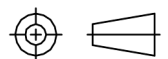
### ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			+20	dBm
Operating Temperature	-45		+85	C
Non-operating Temperature	-55		+125	C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

All Features is customizable Based on Customer Request

Part Number:

**IWBA-000115**



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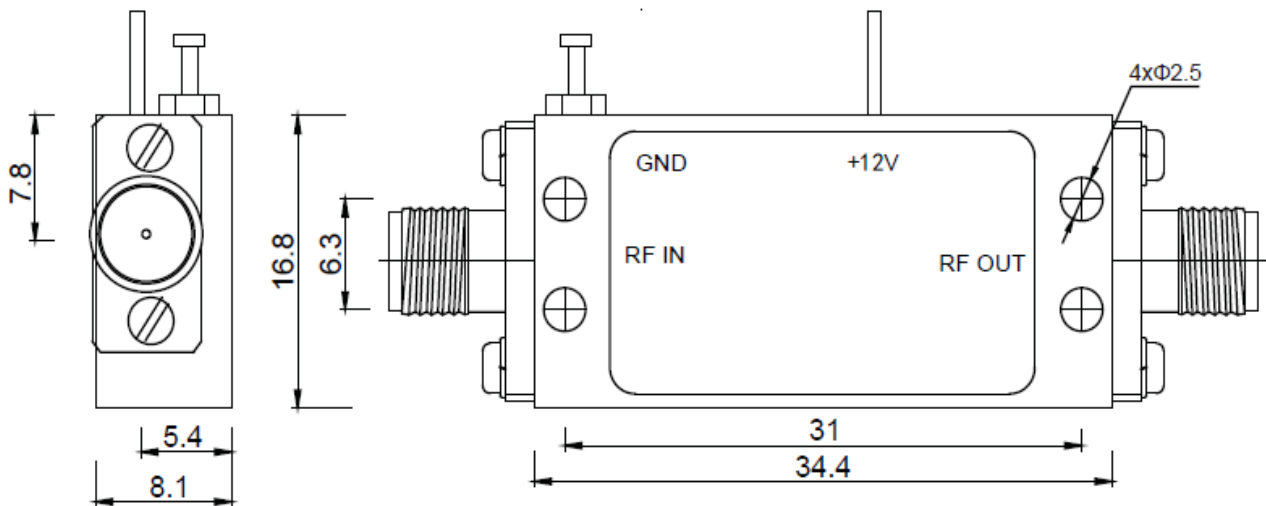
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## MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	34.4 * 16.8 * 8.1	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

## OUTLINE DRAWING (mm):

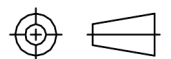


Note: Miniature size, drop-in, SMT and customized specification is also available

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