



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

ELECTRICAL SPECIFICATIONS @25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	50		500	MHz
Small Signal Gain	12			dB
Small Signal Gain Flatness	12			dB
Noise Figure			2	dB
Output Power 1dB compression	15			dBm
IP3				dBm
VSWR Input/ Output			2:1	Ratio
DC Power Supply		12		Volt
Current		150		mA

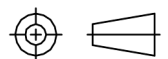
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			+20	dBm
Operating Temperature	-40		+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-000505



PAGE

1 of 2

Date

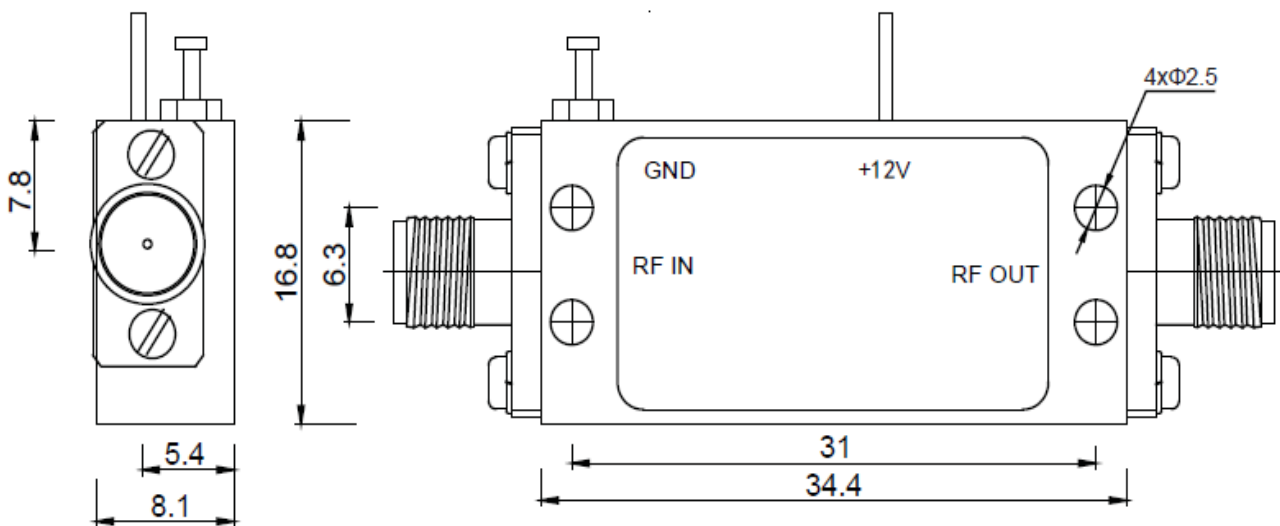
2021/09/11



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):

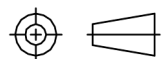


Note: Miniature size, drop-in, SMT and customized specification is also available

All Features is customizable Based on Customer Request

Part Number:

IWBA-000505



PAGE

2 of 2

Date

2021/09/11

