



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		1500	MHz
Small Signal Gain	30			dB
Small Signal Gain Flatness			±2	dB
Noise Figure			4	dB
Output Power 1dB compression	30			dBm
IP3				dBm
VSWR			2.2:1	Ratio
DC Power Supply		28		Volt
Current		200		mA

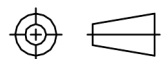
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power				dBm
Operating Temperature	0		+40	C
Non-operating Temperature	-45		+85	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-000515



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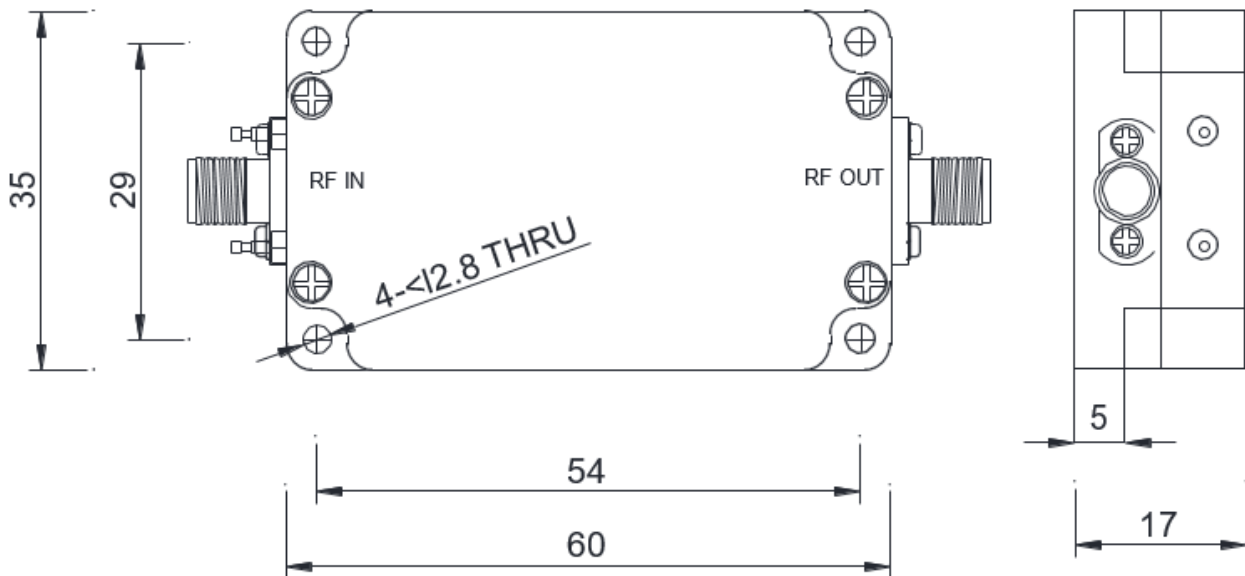
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MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	60*35*17		Millimeter
Weight	60		gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING (mm):

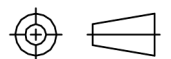


Note: Miniature size, drop-in, SMT and customized specification is also available

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