



RF-LAMBDA

LEADER OF RF BROADBAND SOLUTIONS

RFAPLT26G40G

Input Over Drive Front End Protector 26-40GHz



Features

- Wide Band
- Passive, High Isolation Limiter
- Low Insertion Loss and Good Return Loss
- High Power Handle Capability up to 13 W
- Customization available upon request

Electrical Specifications, $T_A=25^\circ\text{C}$, $V_{CC}=+5\text{V}$

Parameters	Min.	Typ.	Max.	Units
Frequency Range	26		40	GHz
CW Input Power		10	13	W
Peak Power(<5% <1us)		50		W
Insertion Loss		1.8	2.5	dB
VSWR		1.5	1.8	: 1
Flat Leakage @ Pin (-20dBm Trigger +43dBm max.)		-17 (-20dBm Input)	0 (+43dBm Input)	dBm
Peak Power Leakage (<10%, < 2us)				dBm
Supply Current ($V_{CC} = +5\text{V}$)		260	300	mA
Weight	1.76			ounces
Input / Output Connectors	2.92mm - Female			
Material	Aluminum			
Finishing	Nickel Plating			

Environmental Specifications

Operational Temperature ($^\circ\text{C}$)	-45 to +85
Storage Temperature ($^\circ\text{C}$)	-55 to +125
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msec half sine wave, 3 axis both directions

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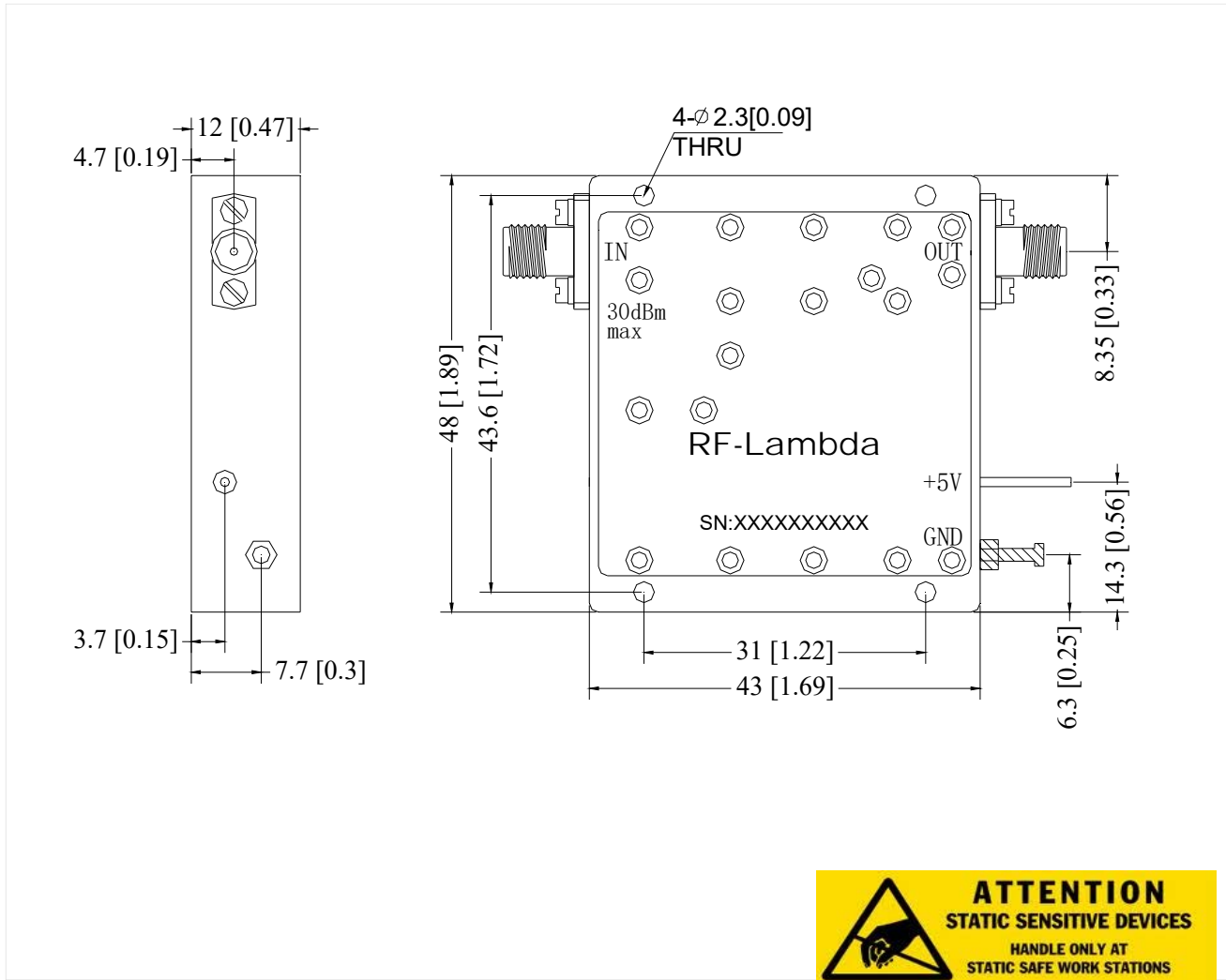
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Outline Drawing:

All Dimensions in mm [inches]

Tolerance ± 0.1 [0.0039]



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