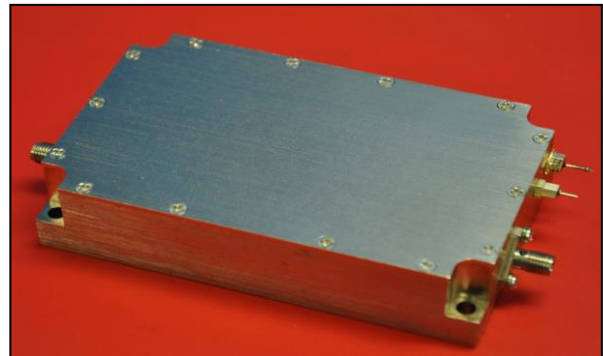


RF Amplifier

- * Operating Frequency : 60-1000 MHz.
- * Power Output: 25 Watts
- * Gain : 43 dB.
- * Operation 24 Volts
- * Single Supply
- * No external components required



Description: 2 Way Radio,Radar,Jammer, Test Instrumentation, All Purpose Power Amp

ELECTRICAL SPECIFICATION @ VDD= +24 VDC Temp. = 25°C, 50Ω System

Parameter	Symbol	Min	Typ	Max	Unit
Operating Frequency	BW	60		1000	MHz.
Gain	G	40	43		dB.
Gain Flatness	Δ G		±1.0	±2.0	dB.
Power Output	P 1 dB	18	25		Watts
Return Loss in/out	S11/S22		1.8:1	2.5:1	Ratio
Operating Voltage	Vdc	24	28	32	Volt
Operating Current			5	5.50	A

MECHANICAL SPECIFICATION

Parameter	Description	Limits	Units
Dimension	4x2.5x1.0		inches
RF Connectors IN/OUT	SMA-F		
DC Connector	Filtered DC		

PROTECTIONS

	Max	
RF Input Power	13	dBm.
Reverse Polarity Protection		
Load VSWR	5:01	RATIO
Stability	Unconditional	

ENVIROMENTAL CHARACTERISTICS

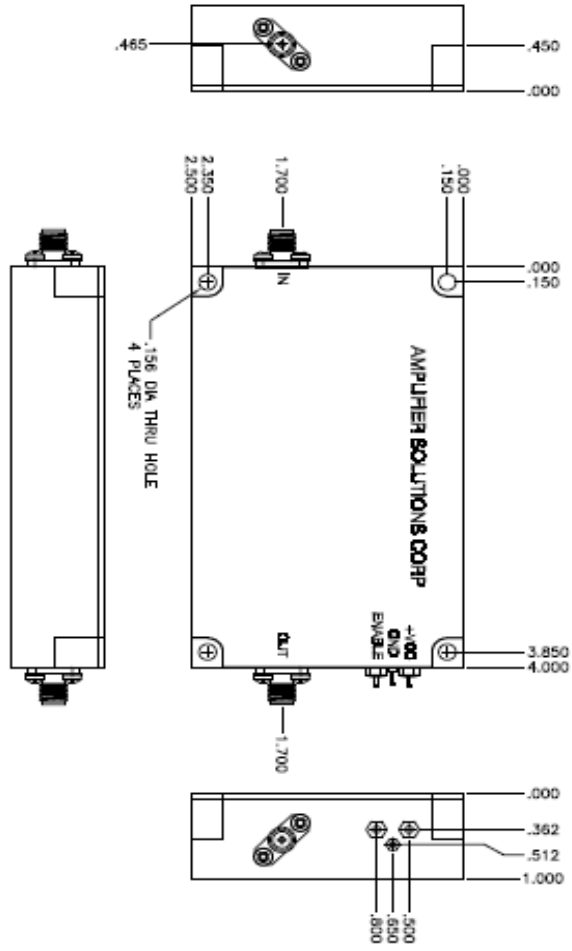
Parameter	Symbol	Min.	Typ.	Max	Units
Operating Case Temperature	Tc	0		70	°C
Storage Temperature	Tstg	-55		125°C	°C

3009 Old State Road, Telford, PA 18969

Web: www.amplifiersolutions.com
 Email: sales@amplifiersolutions.com

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 Fax: 215-799-2563

Outline

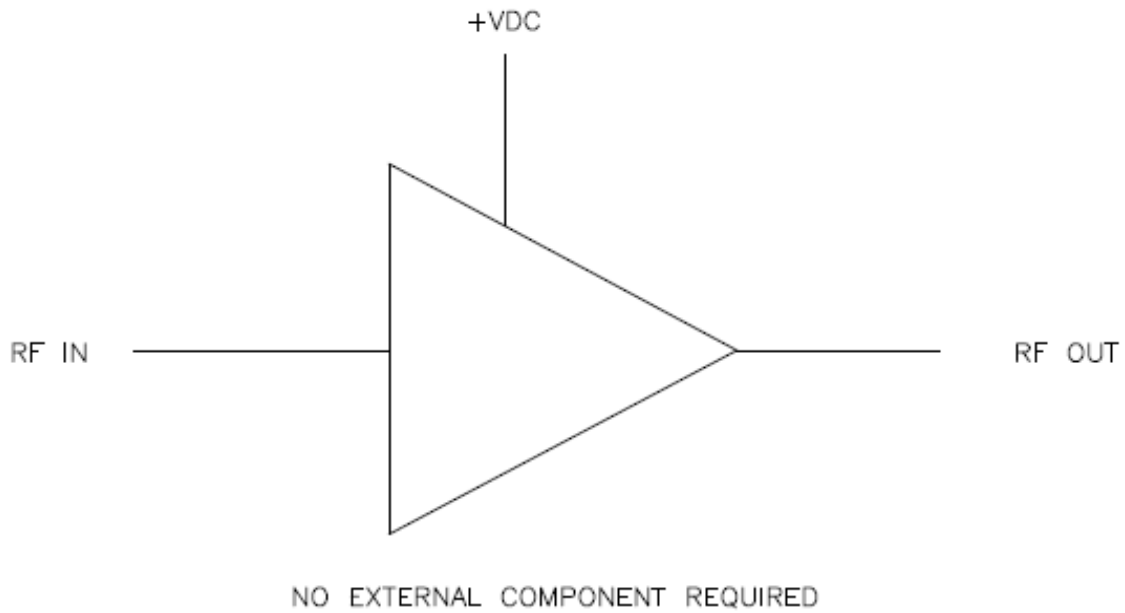


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FUNCTIONAL BLOCK DIAGRAM



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