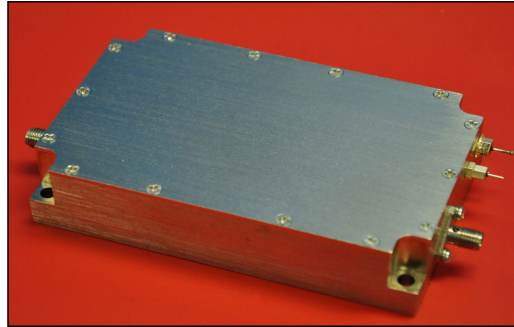


RF Amplifier

- * Operating Frequency : 100-1800 MHz
- * Gain : 42 dB
- * Output Power 4WATT



ELECTRICAL SPECIFICATION @ VDD= +28 VDC; Temp. = 25 °C, 50Ω System

Parameter	Symbol	Min	Typ	Max	Unit
Operating Frequency	BW	100		1800	MHz
Gain	G	40	42		dB
Gain Flatness	Δ G		±1.0	±2.0	dB
Noise Figure	N.F.		5	7	dB
Output Power	P1dB	33	34		dBm
VSWR In/out	VSWR		2.0:1	2.5:1	Ratio
Operating Voltage	Vdc		28		Volt
Operating Current Idq	Idq		2500		ma

MECHANICAL SPECIFICATION

Parameter	Description	Limits	Units
RF connector	SMA-F		
DC Pins	Feedthru		
Cooling	None		
Monitor Connector	None		

PROTECTION

Parameter	Max	Units
RF Input Power	0	dBm
Reverse Polarity Protection	N/A	
Load VSWR	Infinite up to 1W	
Stability	100% Tested	

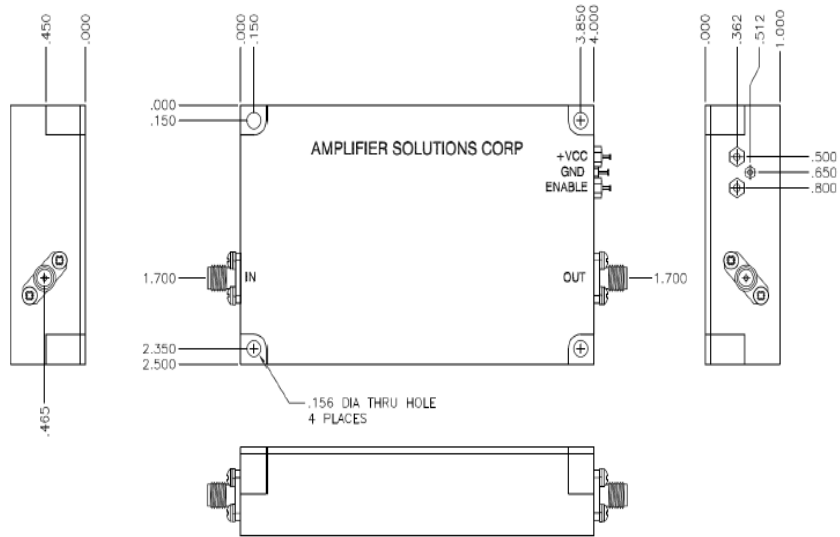
ENVIRONMENTAL CHARACTERISTICS

Parameter	Symbol	Min.	Typ.	Max.	Units
Operating Case Temperature	T _c	0 °C		50 °C	°C
Storage Temperature	T _{stg}	- 55 °C		120 °C	°C

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