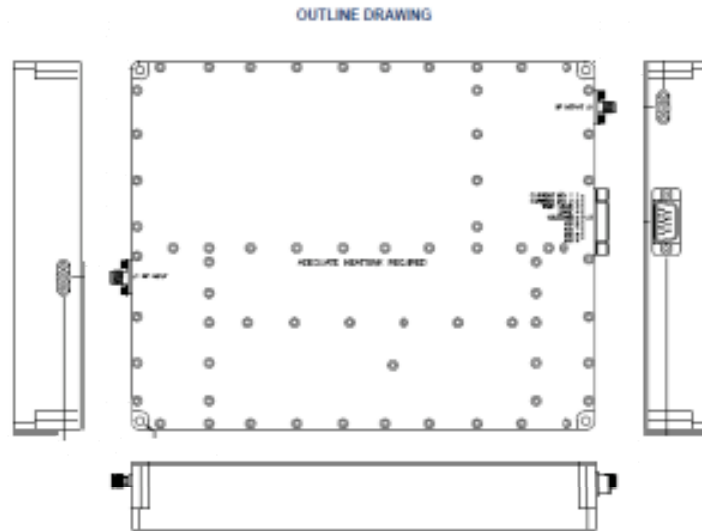


Solid State Power Amplifier, 1029-1031 MHz
56dB Gain, Connectors SMA Female (Optional N or TNC)
Output Power 1.0-4.0kW/Pulsed, 10% Duty



Specification		Units
Type	Class AB/C, Bipolar	
Frequency of Operation	1030 ± 1	MHz
Pin	+10 ± 2	dBm CW
VSWR	1.5:1 max	
Pout peak	66	dBm
	1000-4000 ±10%	W Peak
Gain	56	dB
Pulse droop	<1	dB
Pulse duty cycle	1% (longer duty cycles allowed for short duration transients)	
Pulse Characteristics		
Rise time	50-100	ns
Fall time	50-200	ns
Max. Pulse Width	32	µs
Pulse Modulation Protection	Provided	
Harmonic suppression	-50	dBc
DC Supply	± 5, + 12, -12 and + 52	V
RF Connectors	SMA female, Nf or TNCf	
DC Connector	Microminiature D	
Size w/o Connectors	8.5 x 6.5 x 1.1	inches
	With Heatsink 8,5 x 6.5 x 3	
Weight	4 (1.8)	lb (Kg)
Operating Temperature	-55 to +85	°C
Optional		
Liquid Cooling		