



Microwave Town Company, LLC

MTPA60212350471

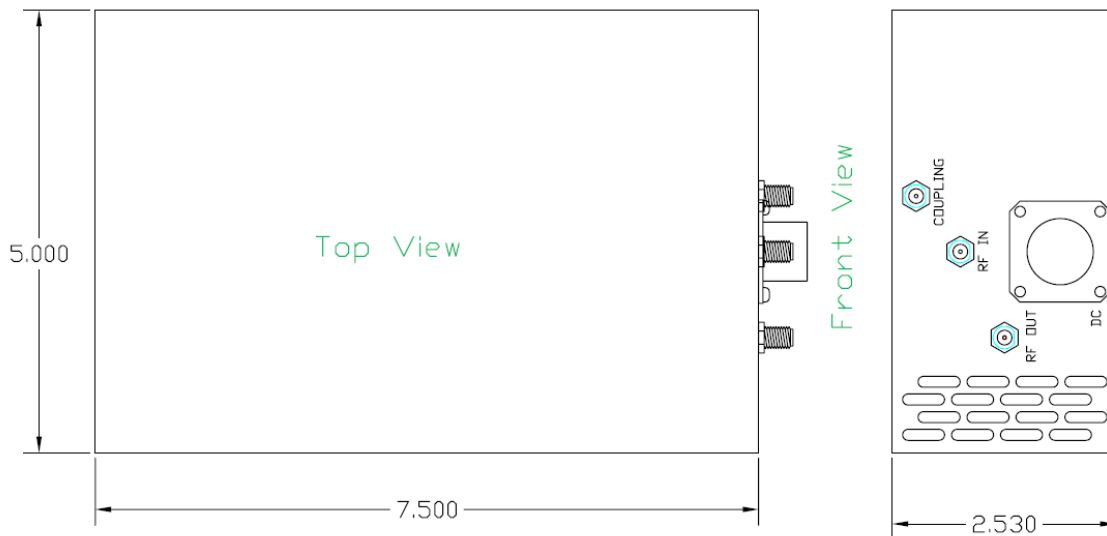
6000MHz -12000MHz 50 Watt Broadband Power Amplifier

Features: Multi-octave Broadband, High output power, High efficiency, High reliability

Applications: Test & Measurement, SATCOM, EW

Test condition: +10VDC, +25° C case temperature

Specification	Unit	Min.	Typical	Max.
Frequency	MHz	6000		12000
Gain	dB	47	50	
Gain flatness	+/-dB		3	
Gain variation over temp	+/-dB		2	
Psat	W	50	60	
Efficiency (@ Psat)	%		12	
Input VSWR			2:1	
Output VSWR			2:1	
Voltage	V	10	10	12
Current	A		40	50
Coupling (@ Coupling Port)	dB		20	
Storage Temperature	°C	-55	25	85
Operation Temperature	°C	-55	25	70
Dimension	Inch		5.00x7.50x2.53	
Weight	Kg		3.5	
Interface			SMA	



Unit: Inch

BLANKING	RF OUTPUT
TTL LOGIC "0"	ON
TTL LOGIC "1"	OFF