



Microwave Town Company, LLC

MTPA20010251471

20MHz-1000MHz 50 Watts Broadband Power Amplifier

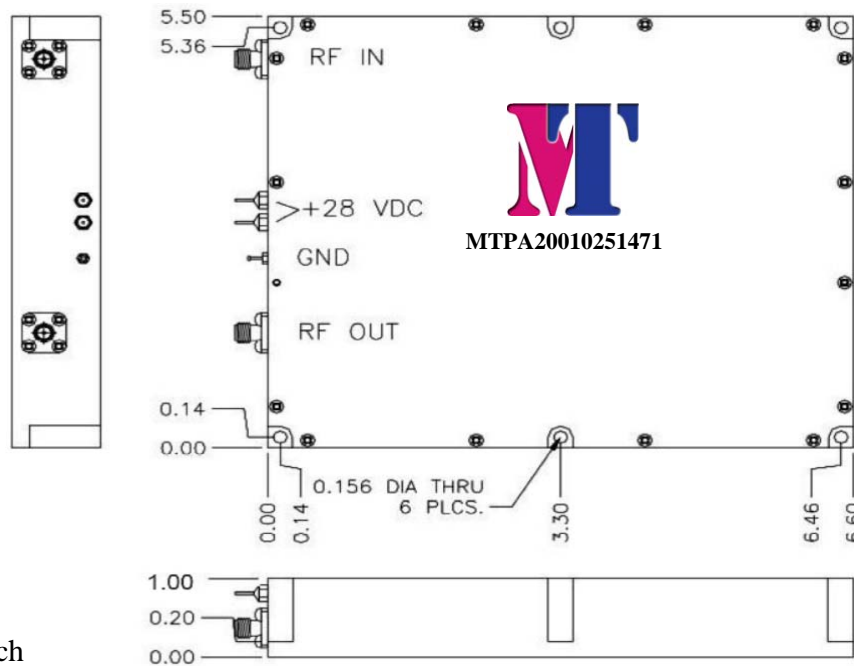
Features: Multi-octave Broadband, High output power, High efficiency, High reliability

Applications: Test & Measurement, SATCOM, Military

Shortwave communications, air traffic control

Test condition: +28VDC, +25° C case temperature

Specification	Unit	Min.	Typical	Max.
Frequency	MHz	20		1000
Gain	dB	48	51	54
Gain flatness	+/-dB			3
Gain variation over temp	+/-dB			2
P1dB	W	50	60	
Psat(20-500MHz)	W	60	75	
Psat(500-1000MHz)	W	80	100	
Efficiency (@Psat)	%		25	
Input VSWR			1.5: 1	2: 1
Output VSWR			2: 1	
Voltage	V		28	
Current	A		1.5	
Temperature	°C	0		50
Dimension	Inch		5.5x6.6x1	
Weight	Kg		1	
Interface			SMA	



Unit: Inch