



MTPA2002043431

20M-2G 20W

MODEL DESCRIPTION

MTPA2002043431 is a complete solid state microwave power amplifier module that features high efficiency, high output power and wide dynamic range. It is based on advanced microwave device technology and provides long-term reliability and high ruggedness.

FEATURE

20M-2G ultra-broadband

Psat: 20W

High efficiency, High reliability and ruggedness

Good linearity, Low distortion

Applications: Test& Measurement, Broadcasting, Communication etc.

GENERAL SPECIFICATION

Parameter	Unit	Min.	Typical	Max.
Frequency	MHz	20	-	2000
Power Gain(@Psat)	dB	-	43	-
Gain Flatness	+/-dB	-	2	-
Psat	dBm	-	43	-
INPUT Return Loss	dB	-	-10	
OUTPUT Return Loss	dB	-	-10	-
Maximum input power	dBm	-	5	
Harmonic(@specific output power)	dBc		-10	
Spur	dBc		-60	

ENVIRONMENTAL SPECIFICATIONS

Parameter	Unit	Min	Typical	Max
Voltage	V(DC)	-	28	32
Current	A	-	3	-
Operating Temperature	°C	0	-	50
Non-Operating Temperature	°C	-20	-	65

MECHANICAL SPECIFICATIONS

Parameter	Unit	Min	Typical	Max
Dimensions LxWxH	mm		100x180x20	
Weight	Kg		1.5	
RF Input&Output			SMA-F	