

**MTPA26340337372**

**Broadband Power Amplifier**

**26-40GHz 5W**



## MODEL DESCRIPTION

MTPA26340337372 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

26-40GHz ultra-broadband

Psat : 5W

High efficiency, High reliability and ruggedness

Good linearity, Low distortion

Applications: Test& Measurement, Broadcasting, Communication etc.

## GENERAL SPECIFICATION

Parameter	Unit	Min.	Typical	Max.
Frequency	GHz	26	-	40
Power Gain (@Psat)	dB	-	37	-
Gain Adjustment	dB	-	20	-
Gain Flatness	+/-dB	-	3.5	-
Psat	dBm	-	37	-
INPUT Return Loss	dB	-	-	-10
Maximum input power	dBm	-	-	5
Harmonic	dBc	-	-15	-
Spur	dBc	-	-60	-

## ENVIRONMENTAL SPECIFICATIONS

Parameter	Unit	Min	Typical	Max
Voltage	V(AC)	110	220	240
Current	A	-	0.2	-
Operating Temperature	°C	0	-	50
Non-Operating Temperature	°C	-20	-	65

## MECHANICAL SPECIFICATIONS

Parameter	Unit	Min	Typical	Max
Dimensions			19'' 3U	
Weight	Kg		15	
RF Input&Output			2.92-F	