

**MTPA70160240402****0.7-6GHz 10W****MODEL DESCRIPTION**

MTPA70160240402 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

0.7-6GHz ultra-broadband

Psat: 10W

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	0.7	-	6
Power Gain(@Psat)	dB	40	-	-
Gain Adjustment	dB	-	20	30
Gain Flatness	+/-dB	-	3	-
Psat	dBm	40	-	-
INPUT Return Loss	dB	-	-	-10
OUTPUT Return Loss	dB	-	-10	-
Maximum input power	dBm	-	-	0
Harmonic(@specific output power)	dBc	-	-15	-
Spur	dBc	-	-60	-

ENVIRONMENTAL SPECIFICATIONS

Parameter	Unit	Min	Typical	Max
Voltage	V(AC)	110	220	240
Current	A	-	-	0.4
Operating Temperature	°C	0	-	50
Non-Operating Temperature	°C	-20	-	65

MECHANICAL SPECIFICATIONS

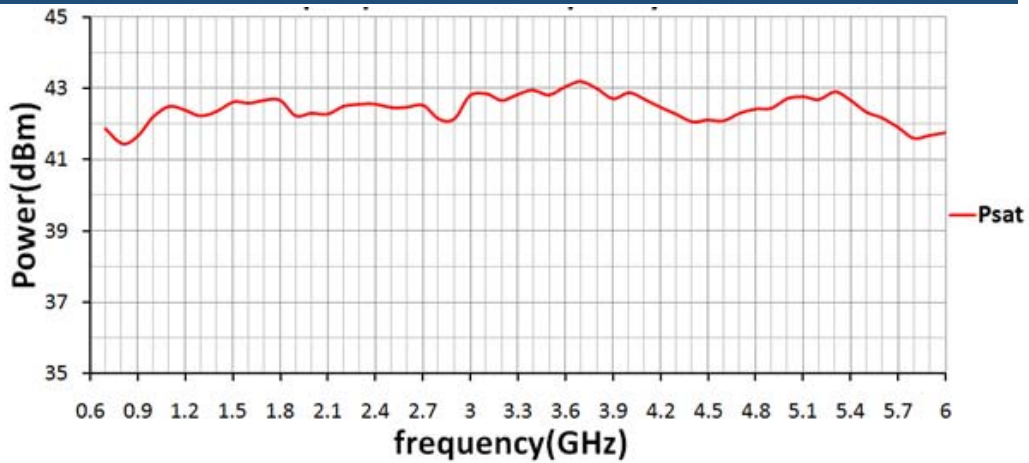
Parameter	Unit	Min	Typical	Max
Dimensions LxWxH	mm	-	328x188.5x95	-
Weight	Kg	-	4	-
RF Input&Output		SMA-F		



OPTIONS

PIND	Power Indication (built-in coupler)
USUP	110-240V AC/50~60Hz
LCDS	LCD Display (Temperature, Current, Power, Fault etc)
GADJ	20dB Gain Adjustment
LAN	Remote control or monitoring through LAN
RS232	Remote control or monitoring through RS232
RS485	Remote control or monitoring through RS485

TEST GRAPH



MODEL APPEARANCE (mm)

