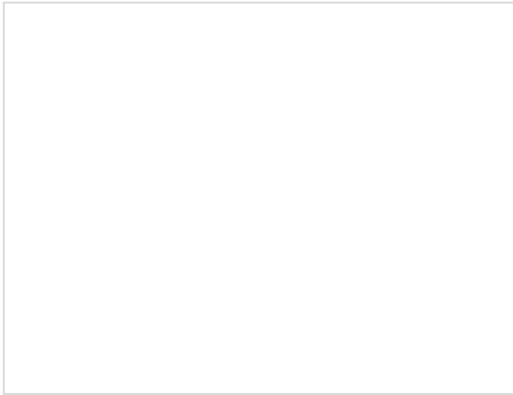




MODEL HIPA26405050AC

26-40GHz Broadband Power Amplifier



■ Features

- Ultra Wide Band: 26-40GHz
- Gain: 50dB
- Output Power Psat: 50dBm

■ Applications

- Radar Systems
- Communication Systems
- Receivers Systems

□ Electrical Specifications


Parameter	Min.	Typ.	Max	Units
Frequency Range	26-40			GHz
Small Signal Gain	50			dB
Gain Flatness		±3		dB
Input VSWR		2.0		-
Output Power for 1 dB Compression (P1dB)		47		dBm
Saturated Output Power (Psat)	50			dBm
Input Max Power(no damage)			+8	dBm
Internally Generated Spurious		-60		dBc
Impedance	50			Ω
Supply Power	110-220AC			
Input Output Connector	2.92-K			
Material	Aluminium			
Weight	35kg			
Dimension	5UX19 inches deep 23.62 inch Box			
display screen: Output Power; Temperature; current; VSWR protection; TEMP protection; Overload protection;				

Environmental Conditions

Operational Temperature	0°C~+55°C	Vibration	25g rms (15 degree 2KHz) endurance, 1 hour per axis
Storage Temperature	-55°C~+125°C	Shock	20G for 11msc half sin wave, 3 axis both directions
Executive Standard	MIL-STD-810G	Humidity	100% RH at 35c, 95%RH at 40°C

Absolute Maximum Ratings

Supply Bias Voltage	AC
RF INPUT POWER	+8dBm
ESD sensitivity (HBm)	Class 0, passed 150V



OBSERVE
PRECAUTIONS
ELECTROSTATIC
SENSITIVE
DEVICES



Outline Drawing

All Dimensions in mm (inches) Tolerance ± 0.25 (0.01)

