



Features

- Gain: 43dB Typ.
- P1dB: 38dBm Typ.
- Customization Available

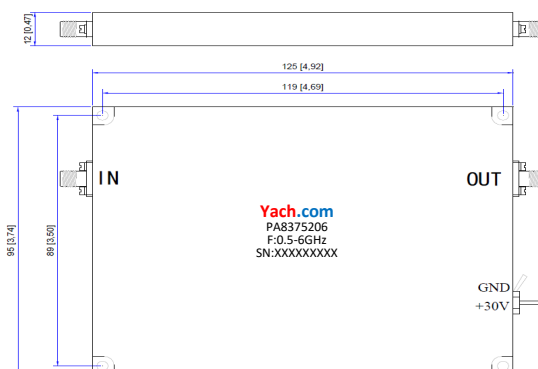
Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.5		6	GHz
Gain	40	43		dB
Gain Flatness		± 2.5	± 3.5	dB
Input VSWR		1.5	2.5	/
Output Power for 1 dB Compression (P1dB)	37	38		dBm
Saturated Output Power (Psat)	40			dBm
Harmonic Rejection	13	15		dB
Spurious		-60		dBc
Input Max Power(no damage)			8	dBm
DC Current (Vcc=+30V) (@Pout=10W)		2		A
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material		Aluminium		
Dimension		125 x 95 x 12mm		
Operational Temperature		-30°C~+70°C		
Storage Temperature		-45°C~+85°C		

Yach reserves the right to change this datasheet without notice!

Outline Drawing: All Dimensions in mm[inches] Tolerance ±0.25[0.01]



Heat Sink required during operation