

**Features**

- Gain: 40dB Typ.
- P1dB: 38dBm Typ.
- Customization Available

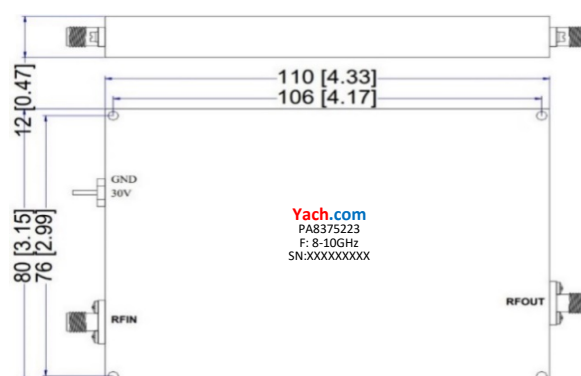
**Applications**

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	8		10	GHz
Gain	36	40		dB
Gain Flatness			± 2	dB
Input VSWR		1.5	2.0	/
Gain Variation Over Temperature			± 2	dB
Harmonic Rejection		15		dB
Output Power for 1 dB Compression (P1dB)		38		dBm
Saturated Output Power (Psat)	40	41		dBm
Input Max Power(no damage)			10	dBm
DC Current (Vcc=+28V) (@Pout=10W)		2	2.5	A
Spurious		-60		dBc
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material		Aluminium		
Weight		300g		
Dimension		110 x 80 x 12mm		
Operational Temperature		-35°C~+70°C		
Storage Temperature		-55°C~+125°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