

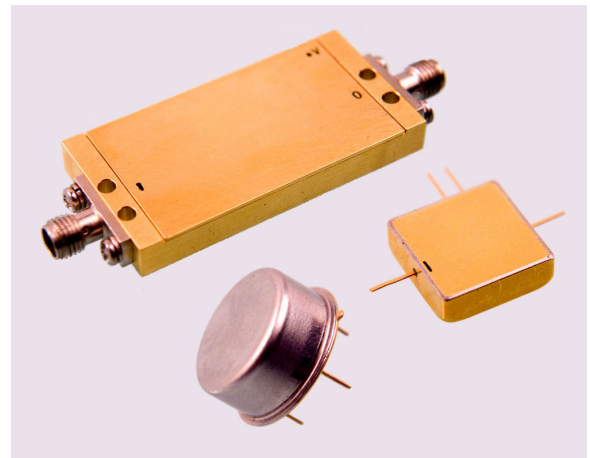
ASC206C

Features: (typical values)

- Wideband Frequency800-4200 MHz.
- Medium Power Out +20.0 dBm.
- Moderate Gain.....+10 dB
- Moderate Noise+ 4.0 dB

Maximum Ratings

Storage Temperature -55°C to +125°C
 DC Voltage +14 volts
 RF Input Power +10.0 dBm.
 Case Temperature +95°C



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		800	4200	MHz.
Gain	10	8		dB.
Gain Flatness	±0.8		±1.5	dB.
Gain Var. over temp.	0.5			ΔdB.
Pout @ 1dB Comp	+20	+18		dBm.
Noise Figure	4.0		5.0	dB.
Reverse Isolation	18			dB.
IP ₃ /IP ₂ (two tone)*	30/35			dBm.
VSWR In/Out	1.5:1		2.0:1	Ratio
Supply Required	+12/80		+12V/100	v/mA

Min. and max. values are from 0°C to +85°C

*IP3 and IP2 are in band output intercept points

