

**HA0001**

General Description

The HA0001 is an amplifier for general purpose applications in the lower frequency range from 1MHz to 150MHz.

The device operates from -30°C to $+70^{\circ}\text{C}$.

Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range	1		150	MHz
Gain	30.0	35.0		dB
Noise Figure@+25°C			2.0	dB
Power Output@P _{1dB}	15.0			dBm
Input VSWR			2 : 1	
Output VSWR			2 : 1	
Temperature Range	-30		+70	°C
DC Voltage	8.0		12.0	V
Package	M101			
Size	55 x 32 x 11			mm

Rev. 1.0