

HA6014

General Description

The HA6014 is a 8W Ku-Band amplifier for high power applications.
The moderate gain and the high output power makes this device an ideal choice as a power amplifier for transmitter applications.
The device operates from –20°C to +50°C.

Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range	17.0		18.0	GHz
Gain		20		dB
Gain Flatness		± 1		dB
Power Output@P_{sat}	39.0			dBm
Input VSWR			2:1	
Output VSWR			2:1	
OperatingTemperature	-20		+50	°C
DC Voltage		-5V/9.0		V
DC Current		0.1/7.5		A
Size	50 x 40 x 8 (tbd)			mm

HEAT SINK REQUIRED T_{max}=50°C

Rev. 1.0

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Phone +49-7244-6098490 Fax +49-7244-6098489 Date: 02/09/2005