HBH Microwave GmbH

HA3002

General Description

The HA3002 is a power amplifier in the frequency range from 3.0GHz to 3.7GHz.

The device operates from –45°C to +85°C.

Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range	3.0		3.7	GHz
Gain		30.0		dB
Gain Variation vs. Freq.			± 1.0	dB@34dBm
Gain Variation vs. Temp			± 2.0	dB@34dBm
Noise Figure			9.0	dB
Power Output		34.0		dBm
Input VSWR			2.0:1	
Output VSWR			1.5:1	
Temperature Range	-45		+85	°C
DC Voltage		15.0		V
DC Current (max)		3000.0		mA
Package	tbd			
Size (max)	127 x 76 x 25			mm

Rev. 1.0

!!! Cold Plate +85°C max. REQUIRED!!!

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