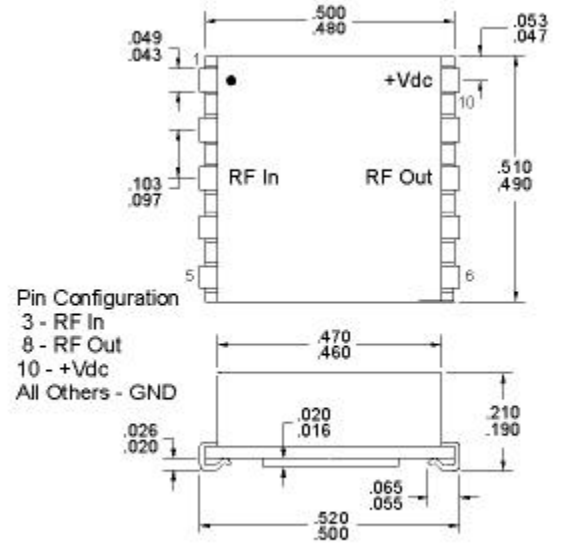


QBH-8949 Amplifier Performance Specifications

Specifications	Typical +25 °C	Min/Max -40 to +70 °C
Frequency (MHz)	10 - 70	
Gain (dB)	22.6 ±0.7	
Gain Flatness (dB)	+0.7	+1.0
Noise Figure (dB)	3.5	4.5
Power Out (dBm)	+29.0	+26.0
3rd Order Int (dBm)	+45.0	+42.0
2nd Order Int (dBm)	+64.0	
Reverse Isolation (dB)	+50.0	+43.0
Input VSWR	1.5:1	1.5:1
Output VSWR	1.5:1	1.5:1
DC Current (mA)	+200.0	+220.0
DC Voltage (V)	+12.0	
Gain vs. Vdc (dB/V)		

Absolute Maximum Ratings	
Sustained Voltage (Vdc)	+14.0
Pulsed (Transient) Voltage (V)	+16.0
Operating Temperature	-55 to +85 °C
Storage Temperature	-65 to +150 °C
Maximum Input Drive (Vrms)	+1.0
Thermal Rise, junction-case	+50 °C
Drawing Revision	0A

Mechanical Outline Drawing



E52-19422

REMEC Q-bit

2144 Franklin Drive NE
Palm Bay, FL 32905
Q-Vision Ver. 2.0

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Date: 02-27-1999

E-mail: sales@q-bit.com
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