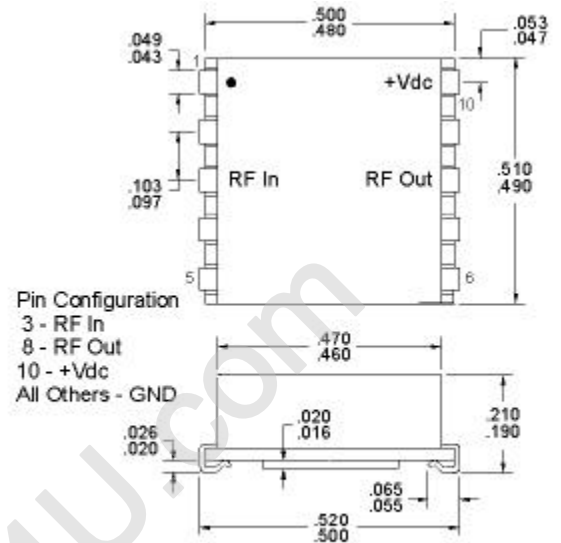


QBH-8705 Amplifier Performance Specifications

| Specifications | Typical +25 °C | Min/Max -40 to +70 °C |
|------------------------|-------------------|--------------------------|
| Frequency (MHz) | 1930 - 1990 | |
| Gain (dB) | 28.0 | +3.0 / -3.0 |
| Gain Flatness (dB) | +0.6 | +1.1 |
| Noise Figure (dB) | 1.2 | 1.6 |
| Power Out (dBm) | +20.0 | +18.0 |
| 3rd Order Int (dBm) | +30.0 | +26.0 |
| 2nd Order Int (dBm) | | |
| Reverse Isolation (dB) | +44.0 | +44.0 |
| Input VSWR | 1.5:1 | 2.0:1 |
| Output VSWR | 1.3:1 | 2.0:1 |
| DC Current (mA) | +160.0 | +175.0 |
| DC Voltage (V) | +5.0 | |
| Gain vs. Vdc (dB/V) | | |

Mechanical Outline Drawing



E52-19422

| Absolute Maximum Ratings | |
|--------------------------------|----------------|
| Sustained Voltage (Vdc) | +7.0 |
| Pulsed (Transient) Voltage (V) | +9.0 |
| Operating Temperature | -55 to +85 °C |
| Storage Temperature | -65 to +150 °C |
| Maximum Input Drive (Vrms) | |
| Thermal Rise, junction-case | |
| Drawing Revision | P |

REMEC Q-bit

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 Q-Vision Ver. 2.0

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 Date: 02-27-1999

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