

Product Features

- Multichip Hybrid Module
- HBT& MESFET chip on board
- No matching circuit needed
- High IP3,High Gain
- Surface Mount Hybrid Type & Reel Packing
- Small Size
- Alumina Substrate
- Pb Free / RoHS Standard

Applications

- Repeater
- RF Sub-Systems
- Base Station



Package : CP-16B

Descriptions

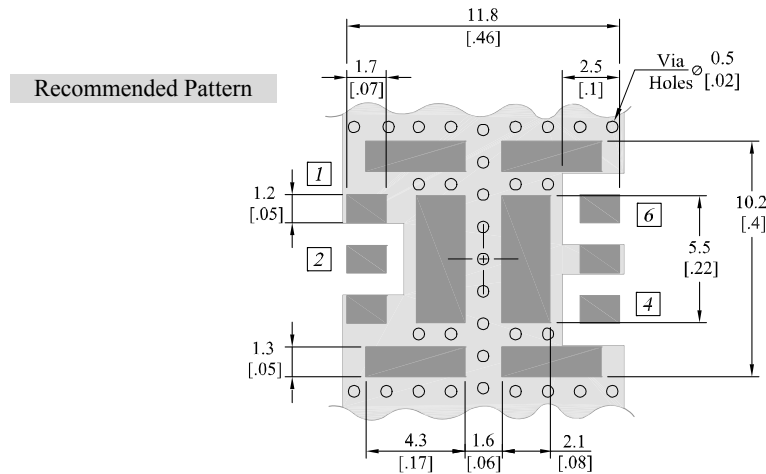
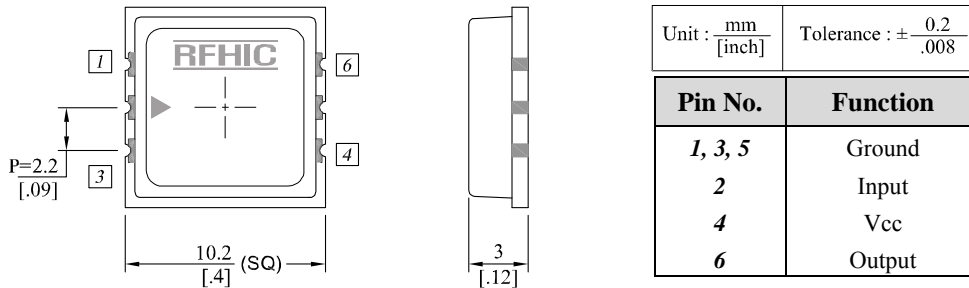
This dual stage High Gain Linearity Module family is a high gain, low noise amplifier. It is one of the smallest matched amplifiers. This family has superior performance comes with a modest price tag.

Specifications

(Operating Temperature:-30°C~+80°C)

| PARAMETER | GLM0921 | GLM1521 | GLM1821 | GLM2121 | GLM2521 |
|--|---------|----------|-----------|-----------|-----------|
| Frequency Range (MHz) | 824~960 | 1729~960 | 1750~1870 | 1920~2170 | 2100~3100 |
| Power Gain (dB) (TYP.) | 30 | 27 | 25 | 25 | 25~22 |
| Gain Flatness (dB) | ±0.5 | ±0.5 | ±0.5 | ±0.5 | ±1.5 |
| Input VSWR | 2.0 | | | | |
| Output VSWR | 1.5 | | | | |
| 1dB Compression Point (dBm)(P _{1dB}) (TYP.) | 21 | 21 | 21 | 21 | 21 |
| Output 3 rd Order Intercept Point (dBm)(OIP3) | 40 | 40 | 40 | 38 | 39 |
| Noise Figure (dB)(TYP.) | 6 | 6 | 6 | 6 | 6 |
| DC Current (V _{dc} =5V, T _c =25°C)(mA) | 220 | 220 | 220 | 220 | 220 |

Package Dimensions (Type: CP-16B)



Same Package Platform for Below Part Numbers

GLM0921-L / GLM1521-L / GBM1821-L / GLM2121-L
 GLM2521-L / GLM2123-L / GLM2723-L / GLM3623-L
 2LM0905-L / 2LM2105-L

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