

## MCM Linear

### High Gain Linearity Module

GLM0921-L / GLM1521-L /  
GBM1821-L GLM2121-L / GLM2521-L

# RFHIC

#### 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

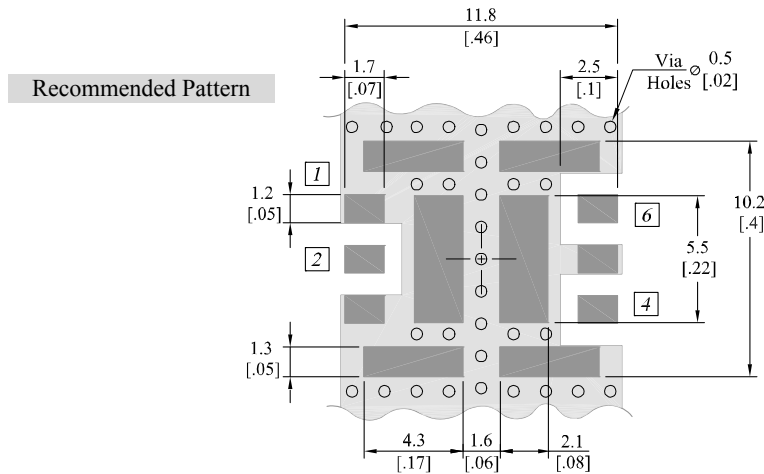
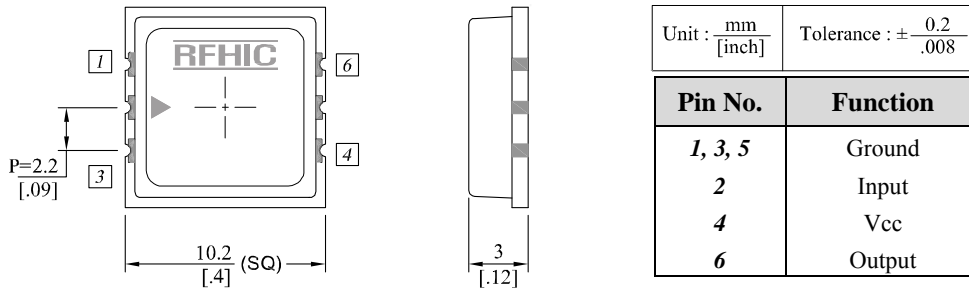
This dual stage High Gain Linearity Module family is a high gain, low noise amplifier. It is one of the smallest matched amplifiers. This family has superior performance comes with a modest price tag.

#### 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 <sub>1dB</sub> ) (TYP.)	21	21	21	21	21
Output 3 <sup>rd</sup> Order Intercept Point (dBm)(OIP3)	40	40	40	38	39
Noise Figure (dB)(TYP.)	6	6	6	6	6
DC Current (V <sub>dc</sub> =5V, T <sub>c</sub> =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