

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

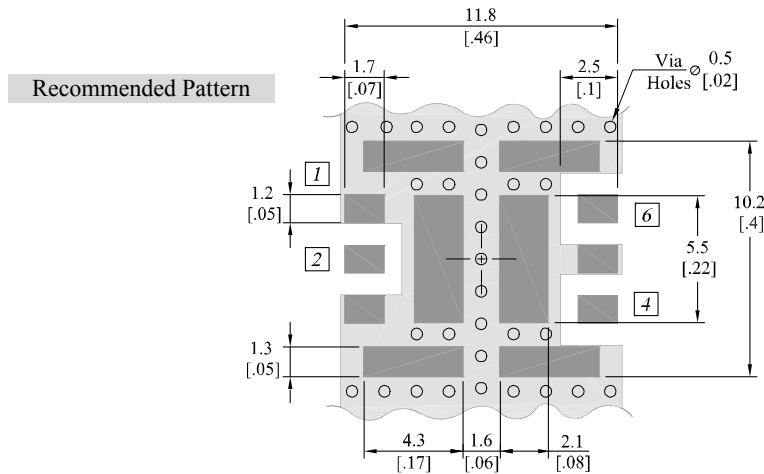
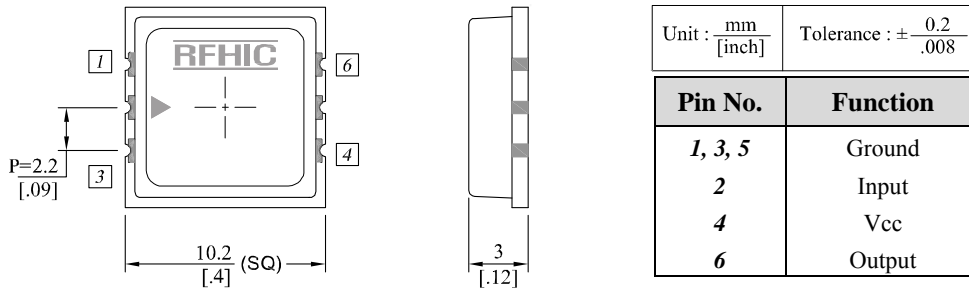
This dual stage High Gain Linearity Module family is a high gain, low noise amplifier. It is one of the smallest matched amplifiers. This family has superior performance comes with a modest price tag.

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 _{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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