

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

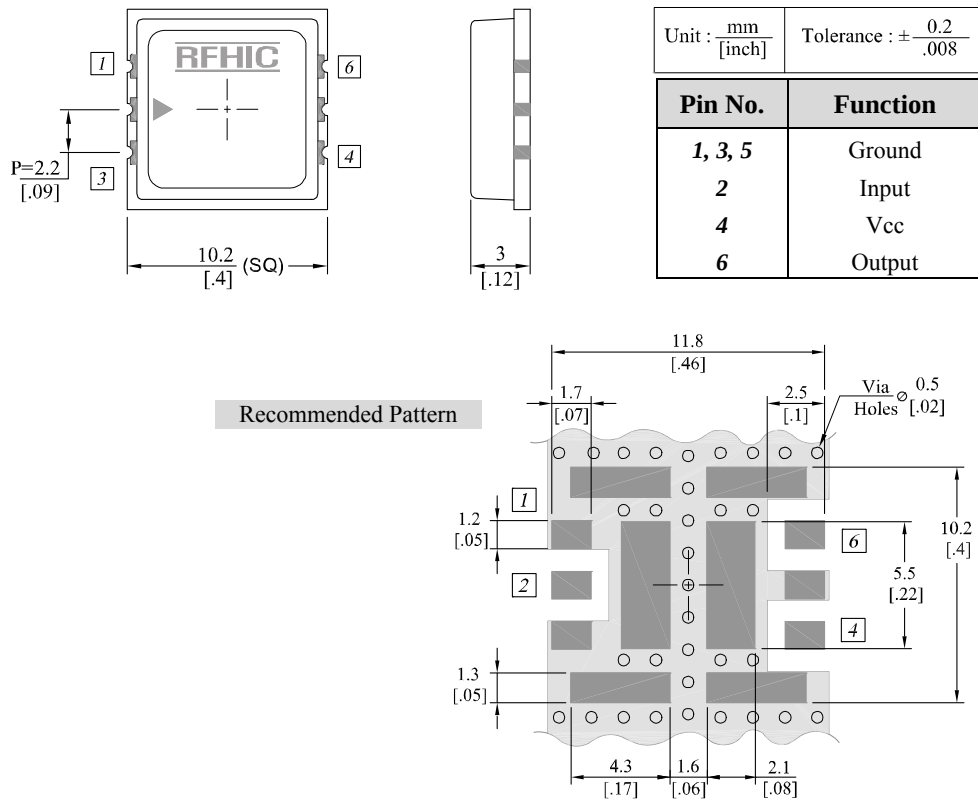
This dual stage High Gain Linearity Module family is a high gain, low noise amplifier. It is one of the smallest matched amplifiers. This family has superior performance comes with a modest price tag.

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

RFHIC Corporation (RFHIC) reserves the right to make changes to any products herein or to discontinue any product at any time without notice. RFHIC do not assume any liability for the suitability of its products for any particular purpose, and disclaims any and all liability, including without limitation consequential or incidental damages. The product specifications herein expressed have been carefully checked and are assumed to be reliable. However, RFHIC disclaims liability for inaccuracies and strongly recommends buyers to verify that the information they are using is current before placing purchase orders. RFHIC products are not intended for use in life support equipment or application where malfunction of the product can be expected to result in personal injury or death. Buyer uses or sells such products for any such unintended or unauthorized application, buyer shall indemnify, protect and hold RFHIC and its directors, officers, stockholders, employees, representatives and distributors harmless against any and all claims arising out of such use. RFHIC's liability under or arising out of damages, claims of whatsoever kind and nature which RFHIC products could cause shall be limited in amount to the net purchase price of the products sold to buyer by RFHIC.