NH0022/NH0022C FET input operational amplifier

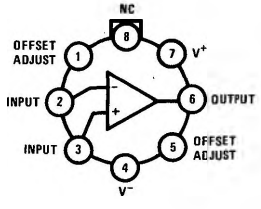
general description

The NH0022/NH0022C is a FET input, general purpose operational amplifier with high input impedance, closely matched input characteristics, good slew rates. Input offset voltage is typically 2.0 mV for the NH0022 and 4.0 mV for the NH0022C at 25°C, while input bias current is less than 10 pA at 25°C. Offset current is less than 0.2 pA at 25°C. Other important design features include:

- Internal 6 dB/octave frequency compensation
- Unity gain slew rate in excess of 3 V/μs
- Unity gain bandwidth of 1 MHz
- Input offset is adjustable with a single 10k pot
- Pin compatible with LM741, LM709, LM101A, and μA740,
- Excellent offset current match over temperature, typically 25 pA
- Output is continuously short-circuit proof
- Excellent open loop gain, typically in excess of 100 dB

The NH0022/NH0022C is intended to fulfill a wide variety of applications requiring extremely low bias currents such as integrators, sample and hold amplifiers, and general purpose operational amplifier applications.

connection diagram



TOP VIEW