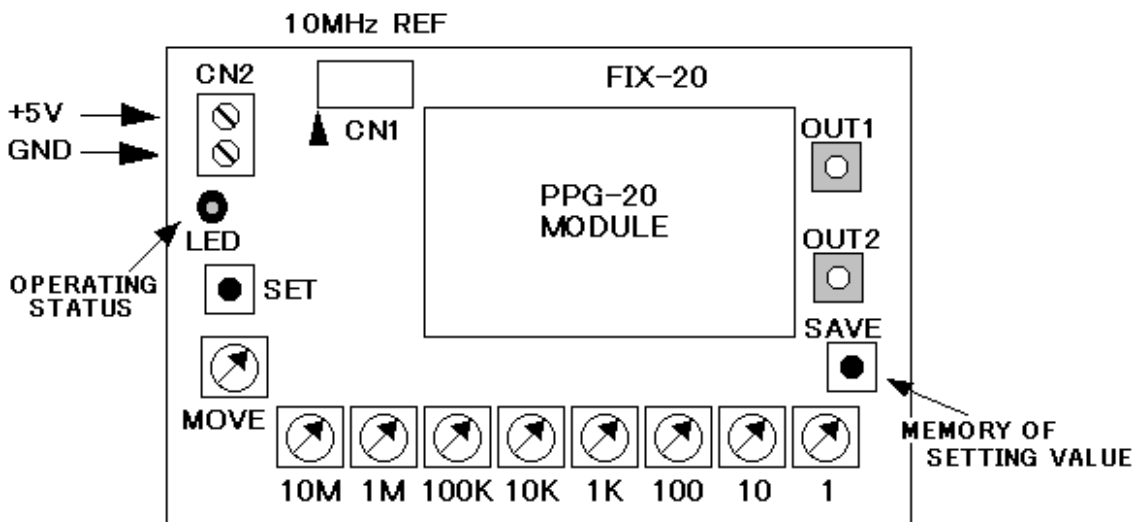


FREQUENCY SETTING BOARD FIX-20

Outline

FIX-20 is an option board for PPG-20 to be able to set the frequency easily. When PPG-20 is inserted to the sockets of FIX-20, the desired frequency can be obtained by 8 BCD switches on the board. A frequency and setting value can be memorized by a save switch on the board. When PPG-20 is used for itself, FIX-20 is used as a memory setting tool of the parameter.

Layout



Specification

Voltage +5V \pm 5%(0.25V)

Current less than 400mA(with PPG-20)

LED

The LED lamp on the board indicates the operating status.

Lighting : LED always lights at the normal status

Blinking : LED blinks continuously when PPG-20 is not correctly mounted.

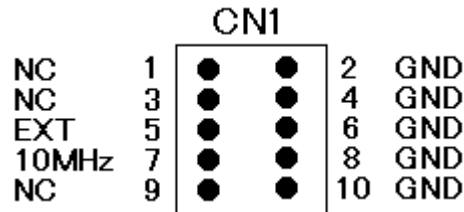
Blink once : In case of setting value was changed and the save switch is pushed, LED blinks momentarily.

How to set the parameter

Set mode and setting value according to the user's manual of PPG-20 and push SET switch. As for mode 2,3,6, the values of upper 4 digits will be ignored.

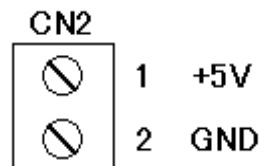
Pin assignment for connector

CN1 is a connector for input of 10MHz external reference signal and a INT/EXT selected signal when PPG-20 is operated by an external clock mode.



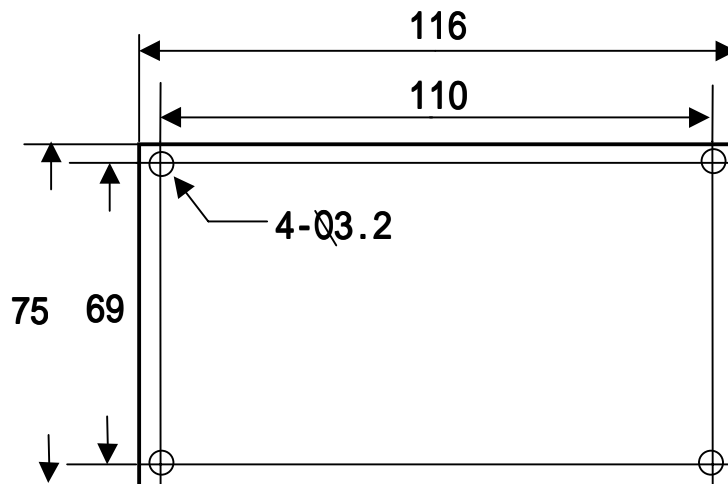
(Caution) Please refer to the user's manual of PPG-20 for details of EXT .clock operation.

CN2 is a power supply terminal. Supply +5V



OUT1(J2) and OUT2(J1) is an output terminal. As their output impedance is 50 Ω , use 50 Ω impedance coaxial cable. SMB(C05) connector will be suitable.

Dimensions 75x116mm



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