

CAMAC
Multi-hit TDC
(C027)

◎ START signal, maximum six times input Even if it does, with that STOP
A time lag can be measured.

◎ TIME range 40μSec

◎ Time resolution Noh play less than 50pSec

◎ Counter+TAC

SPECIFICATION

< Point >
To measure the time lag of the NIM signal in the 0.1nSec precision. It is the module of the CAMAC standard. DATA which it can deal with a combination with TAC and the counter is output.

< State >
1. Input signal part
   NIM standard signal
   Input connector lemo
   STOP 1/CH
   START 6/CH
   The number of total CH's 2

2. Part TAC
   0 ~ 2.5V minimum resolution Noh play 0.05nSec

3. Part A/D change
   12bit, analog to digital converter

4. Counter part
   12bit counter crystal oscillator 100MHz
   10nSec resolution

5. Power supply
   + 6V 1A
   - 6V 0.5A
   + 24V 0.2A
   - 24V 0.2A