CAMAC

Multi-hitTDC

(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／Dchange
   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