ＶＭＥ

８ｃｈ ＣＳＡＤＣ Ｍｏｄｕｌｅ

（Ｖ００５）

◎ ０～１０００ｐｃ charge detected.

◎ Input impedance : 50Ω （ negative signal ）

◎ 14 bit high-speed ADC successive approximation type.

◎ Stability : ±2 count tipcal.

◎ Minimam gate width : 30nSec.

The amount of charge between the gates of the analog input signal is integrated, and th at quantity is changed into A/D.
It changes after high speed uses a comparative form for ADC one after another and hold an integral charge once.
And, this module realizes the high accumulation that a kind isn't seen by 1 width module in others of eight channels.

It satisfies the standard of VME6U by the charge integral type analog digital converter module used for the calorimeter which photo multiplier was used for as a master.

＜ Specifications ＞

Ｃｈａｒｇｅ Ｉｎｐｕｔ	:	０～－１０００ＰＣ ８channels LEMO Connector
Input impedance	:	５０Ω
Ｇａｔｅ ｗｉｄｔｈ	:	３０ｎＳｅｃ (Extreme) ～１μＳｅｃ
Ｒｅｓｅｔ ｔｉｍｅ	:	４００ｎＳｅｃ
Remaining pedestal	:	Standard 300 counts (Gate width ２００ｎＳｅｃ)
Ｌｉｎｅａｒｉｔｙ	:	±０．０３%± (０．３ｐｃ)
Ｃｏｎｖｅｒｓｉｏｎ	:	１５μＳｅｃ
Form	:	ＶＭＥ６Ｕ ＭＯＤＵＬＥ
Power supply	:	＋１２Ｖ ＋ ５Ｖ －１２Ｖ

Specifications might be changed acknowledged.