

-1-41501

**Fig. 1** Display pattern

Unit: mm

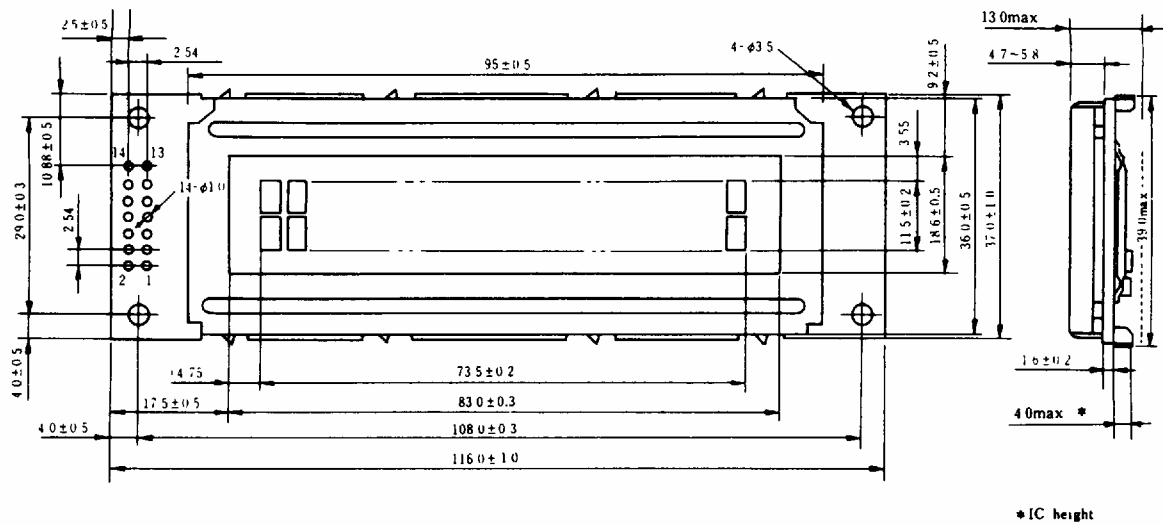


Fig. 2 External dimensions

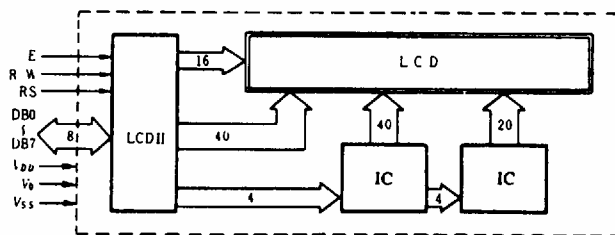


Fig. 3 Block diagram

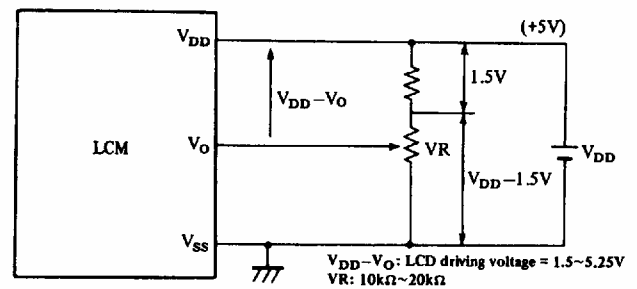
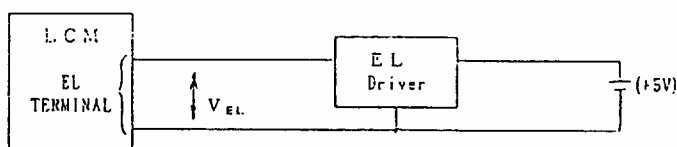


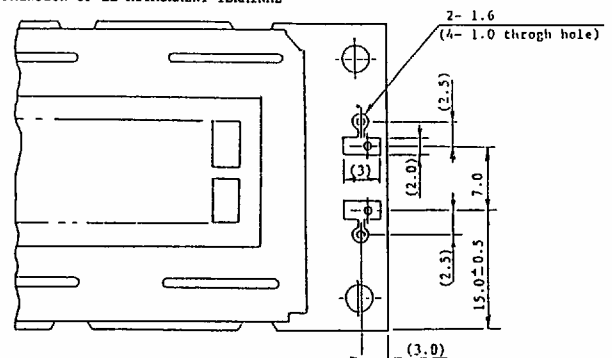
Fig. 4 Power supply

## 9.2 POWER SUPPLY FOR EL



THE EL BACKLIGHTING IS: NEC'S NEL-SLL-420-C  
THE EL DRIVER IS: NEC'S NEL-D32-46.

## DIMENSION OF EL ATTACHMENT TERMINAL



## TIMING CHARACTERISTICS

Item	Symbol	Test condition	Min.	Typ.	Max.	Unit
Enable cycle time	$t_{cyc}$	Fig. 5, Fig. 6	1.0	—	—	$\mu s$
Enable pulse width	$PW_{EH}$	Fig. 5, Fig. 6	450	—	—	ns
Enable rise/fall time	$t_{Er}, t_{Ef}$	Fig. 5, Fig. 6	—	—	25	ns
RS, R/W set up time	$t_{AS}$	Fig. 5, Fig. 6	140	—	—	ns
Data delay time	$t_{DDR}$	Fig. 6	—	—	320	ns
Data set up time	$t_{DSW}$	Fig. 5	195	—	—	ns
Hold time	$t_H$	Fig. 5, Fig. 6	20	—	—	ns

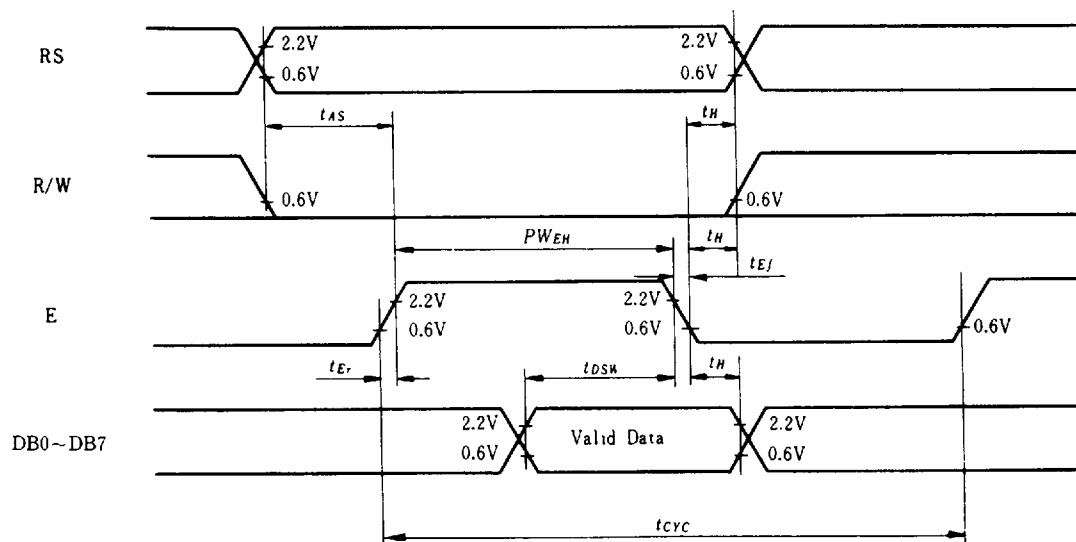


Fig. 5 Interface timing (data write)

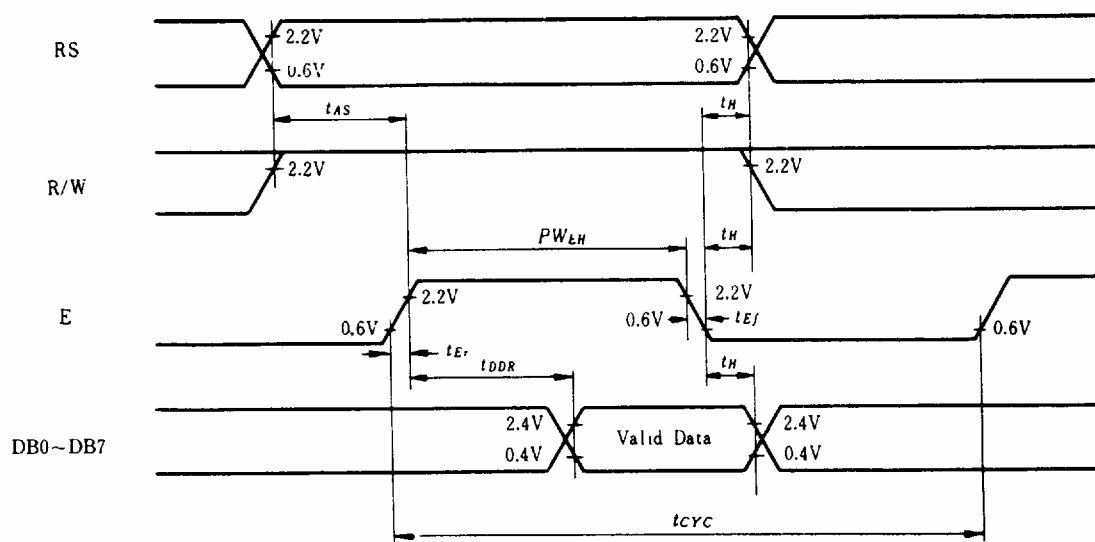


Fig. 6 Interface timing (data read)