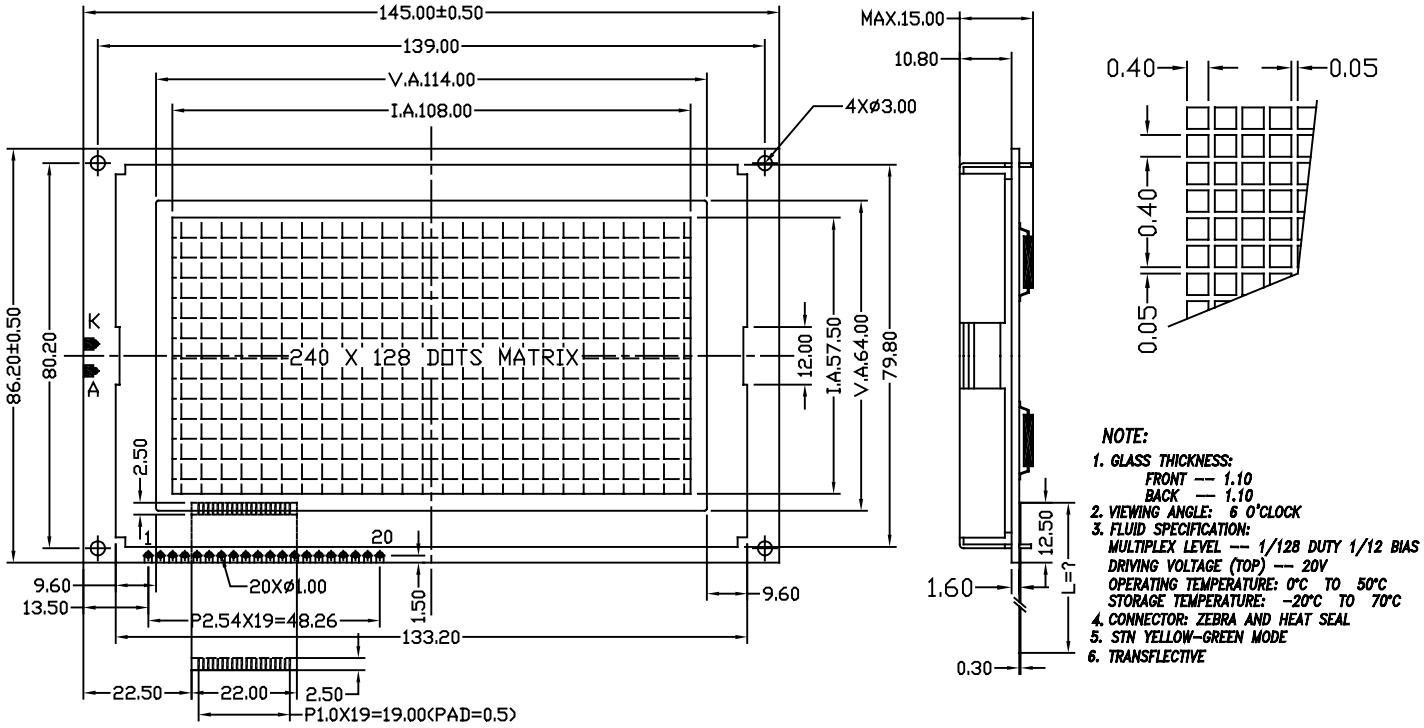
① EXTERNAL DIMENSION



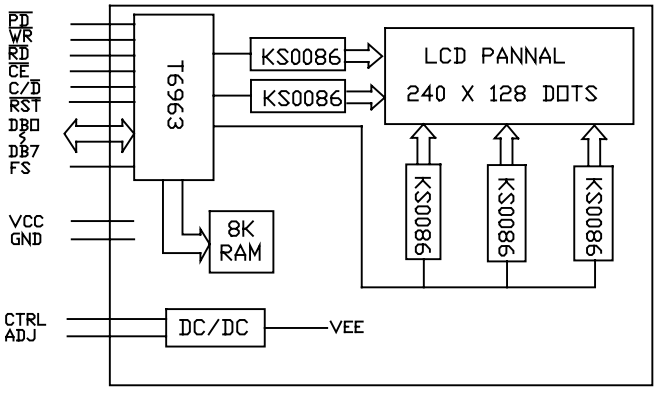
② MECHANICAL DATA

ITEM	SPECFICATION	UNIT
Module Size (W X H X T)	145.0 X 86.2 X 15.0	mm
Internal Area (W X H)	108.0 X 57.5	mm
Viewing Area (W X H)	114.0 X 64.0	mm
Number of Dots (W X H)	240 X 128	dots
Dot Pitch (W X H)	0.45 X 0.45	mm
Dot Size (W X H)	0.40 X 0.40	mm
Weight	165.0	g

③ PIN CONFIGURATION

ITEM	SYMBOL	DESCRIPTION
1	ADJ	adjust contrast (1)
2	CTRL	adjust contrast (2)
3	$\overline{PD}$	Power down
4	GND	0V(GND).
5	VCC	Power supply for logic circuit and LCD.
6	VEE	Power supply for LCD drive circuit .
7	$\overline{WR}$	Data write. Write data into T6963C when WR = L .
8	$\overline{RD}$	Data read. Write data from T6963C when RD = L .
9	$\overline{CE}$	CE must be L when CPU communicates with T6963C.
10	C/$\overline{D}$	WR = L RD=L C/D = H : Command Write C/D=H: Satus Read C/D = L : Data Write C/D=L: Data Read
11	$\overline{RST}$	When RST = H Normal (T6963C has internal pull-up resistor). When RST = L Initialize T6963C. Text and graphic have address and text and graphic area settings are retained.
12~19	DB0~DB7	Data I/O pins for display memory.
20	FS	Pins for selection of font When FS = H, 6*8 dots font When FS = L, 8*8 dots font

④ BLOCK DIAGRAM



⑤ ABSOLUTE MAXIMUM RATINGS (25°C)

PARAMETER	SYMBOL	MIN.	MAX.	
Supply Voltage Logic	V_{DD}	-0.3	7.0	V
Supply Voltage Driver	V_{EE}	0	+30	V
Input Voltage	V_{IN}	-0.3	V_{DD}+0.3	V