



Feature

1. COG with SMT
2. 5.0V single power supply (Typ.)
3. 5x7 dots with cursor
4. Built-in controller: Compatible with HD44780/ST7066U
5. Color: Yellow
6. Support MCU interfaces:
4/8-bit 6800 series parallel interface(STD)
I2C interface (Option)
7. Operating temperatures: -40°C to 80°C
8. 4 sets of CGROM (hardware selectable)
ENGLISH/JAPANESE
ENGLISH/CYRILLIC
ENGLISH/EUROPEAN I
ENGLISH/EUROPEAN II
9. Size same as BC2004A



Mechanical Data

Item	Standard Value	Unit
Module Dimension	98.0 x 60.0mm	
Active Area	70.42 x 20.82 mm	
Dot Size	0.55x 0.55mm	
Dot Pitch	2.97 x 4.75mm	

Pin Assignment

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd=+5.0V	5.0	V
Supply Current	Idd	Vdd=+5.0V	40.0	mA
Life Time(White)		80cd/m ²	70K	hrs
Life Time(Yellow)		80cd/m ²	100K	hrs

Electronic Characteristics

Pin	Symbol	Level	Description
1	GND	0V	Ground
2	VDD	5.0V	Supply voltage for logic.
3	NC	-	-
4	RS	H/L	H:DATA , L:Instruction code
5	R/W	H/L	H:Read(MPU←Module) L:Write(MPU→Module)
6	E	H→L	Chip enable signal
7-14	DB0~7	H/L	Data bit 0~7
15	NC	-	-
16	NC	-	-

Dimension

