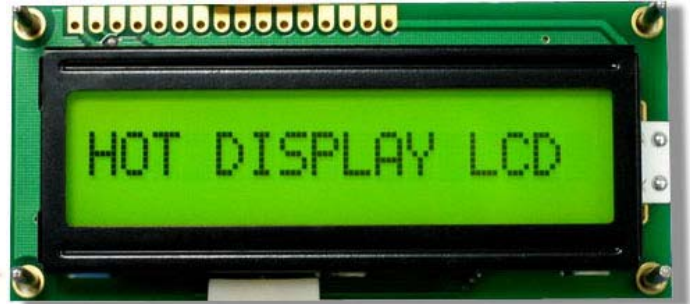


HTM1601A Series



Display Feature

Item	Value
Structure	COB With Metal Frame
LCD Display Mode	STN-YG, Positive, Transflective, 6H
Driving Method	1/16 duty, 1/5 bias
Backlight	Yellow/Green LED Backlight
Control IC	S6A0069 or Equivalent



Mechanical Data (unit : mm)

Item	Value
Outline	80.0 x 36.0 x 13.1Max.
Viewing Area	64.5 x 16.0
Active Area	59.46 x 5.96
Dot Pitch	0.65 x 0.75
Dot Size	0.61 x 0.71

- ★ Various LCD Type Available
- ★ Various Backlight Color Available

Absolute Maximum

Item	MIN.	MAX.
Operating Voltage(V)	0	6.0
Operating Temperature(°C)	0	+50
Storage Temperature(°C)	-10	+60

Electrical Characteristics

Item	Symbol	MIN.	TYP.	MAX.
Operating Voltage(V)	V _{DD}	4.7	5.0	5.3
Input High Voltage(V)	V _{IH}	0.7V _{DD}	-	V _{DD}
Input Low Voltage(V)	V _{IL}	V _{SS}	-	0.5
Operating Current(mA)	I _{DD}	-	1.0	3.0
Forward Voltage(V)	V _{fBL}	-	5.0	-
Forward Current(mA)	I _{fBL}	-	110	130

Terminal Functions

No	Pin Name	Descriptions
1	VSS	Power Supply, (0V)
2	VDD	Positive Power Supply
3	V0	LCD Contrast Reference Supply
4	RS	Register Select
5	R/W	Read/Write Control Bus
6	E	Data Enable
7	DB0	Data Bus Line
:	:	
14	DB7	
15	BLA	Backlight Positive Supply
16	BLK	Backlight Negative Supply

Outline Drawing

