

HTM2004-5 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	Green LED Backlight
Control IC	S6A0069 or Equivalent



Mechanical Data (unit : mm)

Item	Value
Outline	77.0 x 47.0 x 14.7Max.
Viewing Area	60.0 x 22.2
Active Area	55.12 x 17.56
Dot Pitch	0.47 x 0.51
Dot Size	0.42 x 0.46

★ Various LCD Type Available

★ Various Backlight Color Available

Terminal Functions

No.	Pin name	Descriptions
1	VSS	Power Supply, (0V)
2	VDD	Positive Power Supply
3	V0	No Connection
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 Power Supply anode
16	BLK	Backlight Power Supply cathode

Absolute Maximum

Item	MIN.	MAX.
Operating Voltage(V)	0	6.0
Operating Temperature(°C)	-20	+70
Storage Temperature(°C)	-30	+80

Electrical Characteristics

Item	Symbol	MIN.	TYP.	MAX.
Operating Voltage(V)	V _{DD}	2.7	3.3	3.6
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}	-	2.0	4.0
Forward Voltage(V)	V _f BL	-	3.3	-
Forward Current(mA)	I _f BL	-	15	20

Outline Drawing

