

HTM1602-10 Series

Display Feature

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

Available Models

LCM Name	Panel Type	Supply & Logic
HTM1602-10A	STN-Blue	3.3V



Mechanical Data (unit : mm)

Item	Value
Outline	85.0 x 29.5 x 13.1Max.
Viewing Area	64.5 x 15.8
Active Area	55.8 x 10.64
Dot Pitch	0.62 x 0.64
Dot Size	0.52 x 0.54

★ Various LCD Type Available

★ Various Backlight Color Available

Terminal Functions

Absolute Maximum

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

No.	Pin Name	Descriptions
1	VDD	Power Supply
2	VSS	Power Supply, (GND)
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 Power Supply anode
16	BLK	Backlight Power Supply cathode

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 _f BL	-	5.0	-
Forward Current(mA)	I _f BL	-	100	120

Outline Drawing

