HTM4002B Series

Display Feature

Item	Value
Structure	COB With Metal Frame
LCD Display Mode	DFSTN, Negative, Transflective, 6H
Driving Method	1/16 duty, 1/5 bias
Backlight	Blue LED Backlight
Control IC	S6A0069 or Equivalent

Mechanical Data (unit : mm)

Item	Value
Outline	182.0 x 33.5 x 14.0Max.
Viewing Area	155.1 x 16.0
Active Area	147.5 x 11.5
Dot Pitch	0.65 x 0.7
Dot Size	0.6 x 0.65

★ **Various LCD Type Available**

★ **Various Backlight Color Available**

Absolute Maximum

Item	MIN.	MAX.
Operating Voltage(V)	0	6.0
Operating Temperature(℃)	0	+50
Storage Temperature(℃)	-20	+60

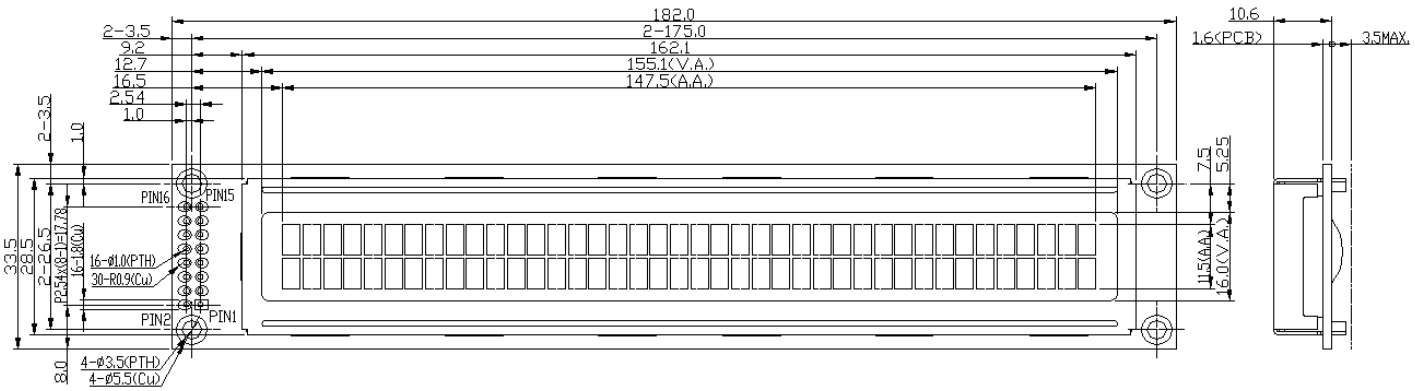
Electrical Characteristics

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}	Vss	-	0.5
Operating Current(mA)	I_{DD}	-	2.0	4.0
Forward Voltage(V)	V_f BL	-	5.0	-
Forward Current(mA)	I_f BL	-	90	120

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	BLK	Backlight Power Supply cathode
16	BLA	Backlight Power Supply anode

Outline Drawing



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