

HTM4002A Series

Display Feature

Item	Value
Structure	COB With Metal Frame
LCD Display Mode	STN-YG, Positive, Transflective
Viewing Angle	6H
Driving Method	1/16 duty, 1/5 bias
Backlight	Yellow-green LED Backlight

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



Absolute Maximum

Item	MIN.	MAX.
Operating Voltage(V)	0	6.0
Operating Temperature(°C)	0	+50
Storage Temperature(°C)	-20	+70

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}	-	2.0	4.0
Forward Voltage(V)	V _f BL	-	5.0	-
Forward Current(mA)	I _f BL	-	250	300

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	
16	BLA	Backlight Power Supply anode

Outline Drawing

