



# HTM240160F Series

## Display Feature

Item	Value
Structure	COB With Metal Frame
LCD Display Mode	FSTN,Positive,Transflective
Viewing Angle	6H
Driving Method	1/160 duty, 1/12 bias
Backlight	Various Backlight Color Available
Control/Driver IC	

## Electrical Characteristics

Item	Symbol	MIN.	TYP.	MAX
Operating Voltage(V)	VDD	3.0	3.3	3.6
Operating Current(mA)	IDD	-	3.0	5.0
Forward Voltage(V)	Vf BL	-	-	-
Forward Current(mA)	If BL	-	-	-

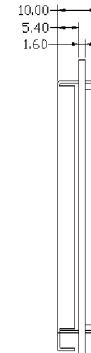
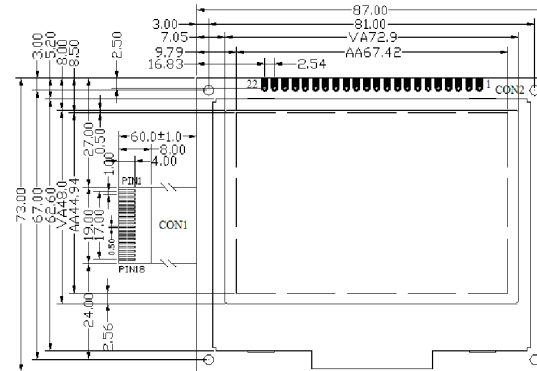
## Mechanical Data

Item	Value
Outline	87.0 x73.0x 10.0
Viewing Area	72.9x48.0
Active Area	67.42x 44.94
Dot Pitch	0.281x0.281
Dot Size	0.261x0.261

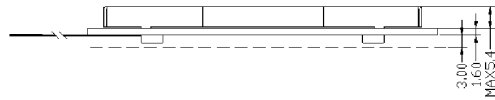
## Absolute Maximum

Item	MIN.	MAX.
Operating Voltage(V)	0	3.6
Operating Temperature(°C)	-10	+60
Storage Temperature(°C)	-20	+70

## Outline Drawing



CON1		CON2	
PIN	SYMBOL	PIN	SYMBOL
1	VSS	1	VSS
2	VDD	2	VDD
3	NC	3	D0
4	AO	4	D1
5	WR	5	D2
6	RD	6	D3
7	D0	7	D4
8	D1	8	D5
9	D2	9	D6
10	D3	10	D7
11	D4	11	WR
12	D5	12	AO
13	D6	13	RD
14	D7	14	RST
15	CS	15	CS
16	RST	16	NC
17	BLA(-)	17	BAK(-)
18	BAK(-)	18	BLA(+)
		19	G-CS
		20	G-S0
		21	G-S1
		22	G-SCLK



<http://www.hotlcd.com>