



1. SPECIFICATIONS

1.1 Features

Item	Standard Value
Display Type	800 * (RGB) * 480
LCD Type	TN , Normally white , Transmissive type
Screen size(inch)	7.0 inch
Viewing Direction	6 O'clock
Interface	RGB Interface
ROHS	THIS PRODUCT CONFORMS THE ROHS OF PTC Detail information please refer web site : http://www.powertip.com.tw/news.php?area_id_view=1085560481/

1.2 Mechanical Specifications

Item	Standard Value	Unit
Outline Dimension	164.9(L)*100(W)*5.7(H)	mm

LCD panel& Touch Panel

Item	Standard Value	Unit
Active Area	154.08 (W) * 85.92 (L)	mm
Dot pitch	0.1926 (W) * 0.1790 (L)	mm

Note : For detailed information please refer to LCM drawing.

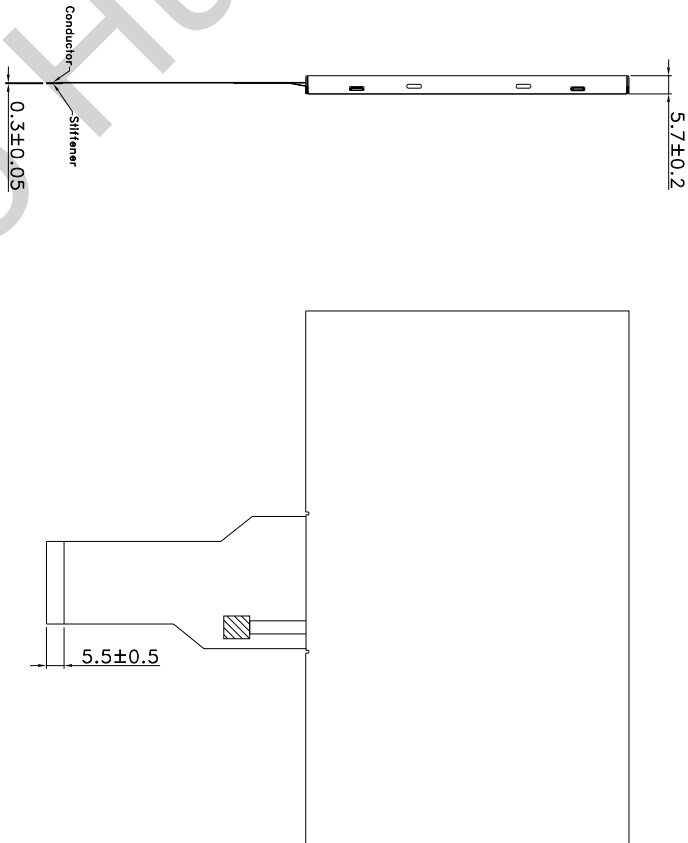
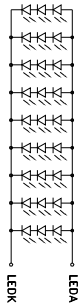
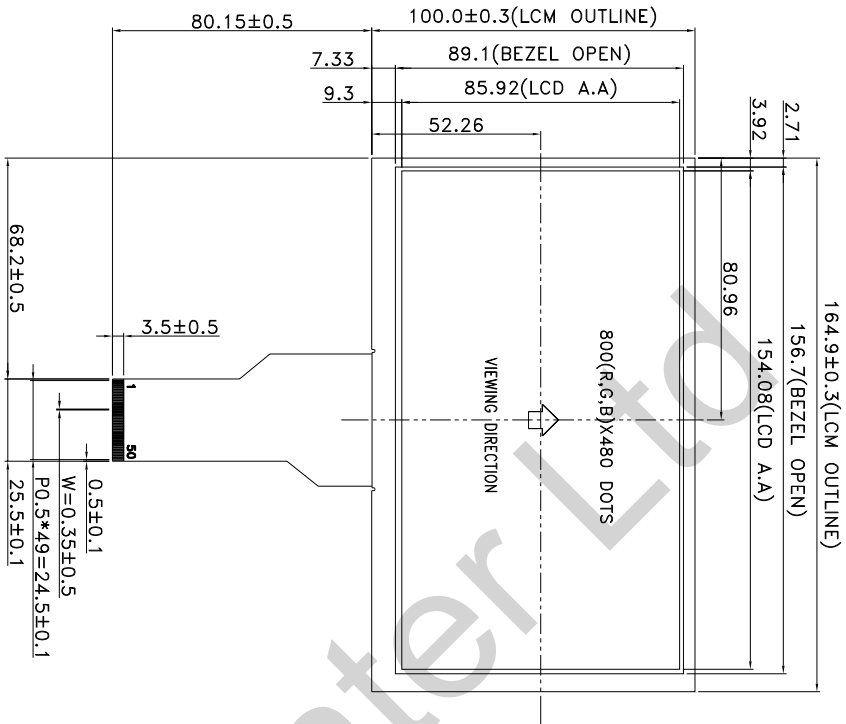


1.3 Absolute Maximum Ratings

Module

Item	Symbol	Condition	Min.	Max.	Unit	Remark
Power Supply Voltage	DV _{DD}	GND=0	-0.3	5.0	V	-
	AV _{DD}		6.5	13.5	V	
	V _{GH}		-0.3	40	V	
	V _{GL}	AGND=0	-20	0.3	V	
	V _{GH} - V _{GL}	-	0	40	V	
Operating Temperature	T _{OP}	-	-20	70	°C	
Storage Temperature	T _{ST}	-	-30	80	°C	

The absolute maximum rating values of this product are not allowed to be exceeded at any times. Should a module be used with any of the absolute maximum ratings exceeded, the characteristics of the module may not be recovered, or in an extreme case, the module may be permanently destroyed.



- NOTES:
- 1.LCD TYPE: TFT LCD
 - 2.LCD DISPLAY: POSITIVE/TRANSMISSIVE
 - 3.VIEW DIRECTION: 6 O'CLOCK
 - 4.The tolerance unless classified ±0.3mm
 - 5.FPC suggested connector : HIROSE FH12A-50S-0.5H or compatible

007		PART NO:																		
006																				
005		DRAWING NAME :		Design	Terry															
004				Check	Eddy															
003				Approve	Ryan															
002		TITLE:	LCD MODULE DRAWING																	
001	NEW DRAWING	REV BY	Terry	DATE	2015/11/27															
REV																				