

SPECIFICATIONS

DRAWING CODE

LMD-PH480272T-005-I10Q (Ver.003)

SAMPLE CODE

SH480272T-005-I10Q

(This Code will be changed while mass production)

MASS PRODUCTION CODE

RH480272T-4X3WP-A10C

Customer Approved

Date:

Sales Sign	QC Confirmed	Checked By	Designer
		·	

Approval For Specifications Only.

* This specification is subject to change without notice.

Approval For Specifications and Sample.



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History of Version

Date (mm / dd / yyyy)	Ver.	Edi.	Description	Page	Design by
03/23/2009	01	001	New Drawing	_	Poly
04/03/2009	01	002	 Add touch panel mechanical specifications. Add touch panel characteristics. Modify LCM drawing. 	4,10, Appendix	Poly
05/20/2009	01	003	New Sample	_	Poly

Total: 27 Page



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Note: For detailed information please refer to IC data sheet: SOLOMON --- SSD1963



1. SPECIFICATIONS

1.1 Features

Item	Standard Value
Display Type	480 * 3 (RGB) * 272 Dots
LCD Type	a-Si TFT , Normally white , Transmissive type
Screen size(inch)	4.3 inch
Viewing Direction	6 O'clock
Color configuration	RGB-Strip
Backlight Type	LED B/L
Weight	85 g
Interface	Support 16-bit Parallel interface with 8080 or 6800 series MCU
Other(controller/driver IC)	SSD1963 / HX8257-A(Or Compatible IC)
ROHS	THIS PRODUCT CONFORMS THE ROHS

1.2 Mechanical Specifications

Item	Standard Value	Unit
Outline Dimension	105.5(W) x 67.2 (L) x 9.2(H)	mm

LCD panel

Item	Standard Value			
Viewing Area	96.64 (W) x 55.456 (L)	mm		
Active Area	95.04 (W) x 53.856 (L)	mm		

Touch panel

Item	Standard Value			
Viewing Area	99.5 (W) * 58.0 (L)	mm		
Active Area	97.0 (W) * 55.8 (L)	mm		

Note: For detailed information please refer to LCM drawing



1.3 Absolute Maximum Ratings

Module

Item	Symbol	Condition	Min.	Max.	Unit
System Power Supply Voltage	VDDIO	VSS=0	-0.5	4.6	V
Input Voltage	VI	-	-0.5	4.6	V
Operating Temperature	T _{OP}	-	-20	70	°C
Storage Temperature	T _{ST}	-	-30	80	°C

1.4 DC Electrical Characteristics

Module VSS = 0V, Ta = 25°C

Item	Symbol	Condition	Min.	Тур.	Max.	Unit
Power Supply Voltage	VDDIO	-	3.0	3.3	3.6	V
Input H/L Level Voltage	VIH	-	0.8VDDIO	-	-	V
Input H/L Level voltage	VIL	-	-	-	0.2VDDIO	V
Output H/L Lovel Voltag	VOH	-	0.8VDDIO	-	-	V
Output H/L Level Voltag	VOL	-	-	-	0.2VDDIO	V
Supply Current IDDIC		VDDIO = 3.3 V Pattern = full display*1	-	250	350	mA

Note1:Maximum current display



1.5 Optical Characteristics

TFT LCD Module

VDDIO= 3.3 V, Ta=25°C

					,			
Item		Symbol	Condition	Min.	Тур.	Max.	unit	
Response time	Tr+Tf	25℃	-	-	36	54	ms	
	Тор	θΥ+		-	45	-		
Viowing angle	Bottom θY-	CR ≥ 10	-	50	-	Dog	Note 1	
Viewing angle	Left	θX-	CR ≥ 10	-	50	-	Deg.	Note 4
	Right	θX+	1	-	50	-		
Contrast rati	0	CR		200	250	ı		Note 3
	White	X		0.25	0.30	0.35	-	Natad
	vville	Υ	Ta = 25°C θX , θY = 0°	0.28	0.33	0.38		
	Dad	Х		0.55	0.60	0.65		
Color of CIE	Red	Y		0.31	0.36	0.41		
Coordinate (With B/L,T/P)	Croon	Х	0,01-0	0.30	0.35	0.40	-	Note1
(: : : : : : : : ; ; ; ; ; ; ; ; ; ; ;	Green	Y		0.53	0.58	0.63		
	Dluc	Х		0.10	0.15	0.20		
	Blue	Y		0.04	0.09	0.14		
Average Brightr	ness							
Pattern=white di	splay	IV	IF= 20 mA	240	260	-	cd/m ²	Note1
(With LCD, T/F	P)*1							
Uniformity		∧ P	IE= 20 m ^	70			0/	Note1
(With LCD, T/F	²)*2	ΔΒ	IF= 20 mA	70	-	-	%	NOIG I



Note 1:

*1 : △B=B(min) / B(max) * 100%

*2 : Measurement Condition for Optical Characteristics:

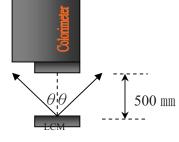
a : Environment: 25°C±5°C / 60±20%R.H , no wind , dark room below 10 Lux at typical lamp current and typical operating frequency.

b : Measurement Distance: 500 ± 50 mm \cdot ($\theta = 0^{\circ}$)

c: Equipment: TOPCON BM-7 fast, (field 1°), after 10 minutes operation.

d: The uncertainty of the C.I.E coordinate measurement ±0.01, Average Brightness ± 4%





Colorimeter=BM-7 fast

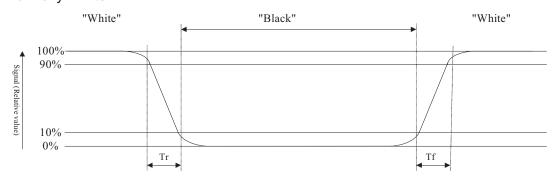
To be measured at the center area of panel with a viewing cone of 1° by Topcon luminance meter BM-7, after 10 minutes operation (module)

Note2: Definition of response time:

The output signals of photo detector are measured when the input signals are changed from "black" to "white" (falling time) and from "white" to "black" (rising time), respectively. The response time is defined as the time interval between the 10% and 90% of Amplitudes.

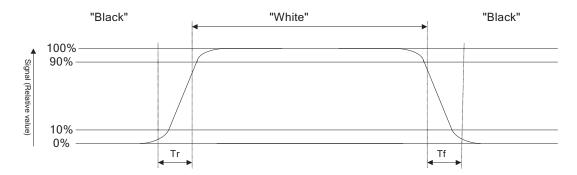
Refer to figure as below:

Normally White





Normally Black



Note3: Definition of contrast ratio:

Contrast ratio is calculated with the following formula

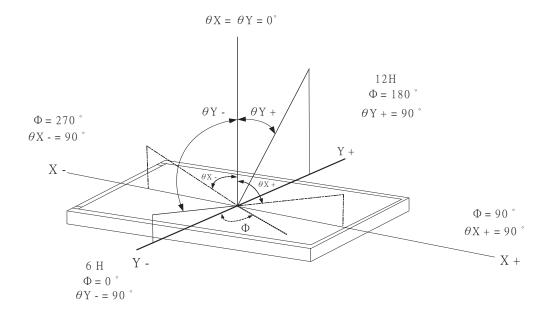
Photo detector output when LCD is at "White" state

Contrast ratio (CR) =

Photo detector output when LCD is at "Black" state

Note4: Definition of viewing angle:

Refer to figure as below:





1.6 Backlight Characteristics

Maximum Ratings

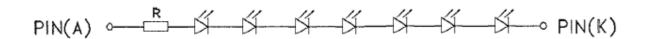
Item	Symbol	Conditions	Min.	Max.	Unit
Forward Current	IF	Ta =25°ℂ	-	25	mA
Reverse Voltage	VR	Ta =25°ℂ	-	5	V
Reverse Current	IR	Ta =25°ℂ	-	-	uA
Power Dissipation	Pd	Ta =25°ℂ	-	525	mW

Backlight Characteristics

Item	Symbol	Conditions	Min.	Тур.	Max.	Unit
Forward Voltage	VF		-	22.8		V
Average Brightness (Without LCD) *1	IV	JE- 00 A	3850	4250	-	cd/m ²
CIE Color Coordinate*1	X	IF= 20 mA	0.285	0.315	0.345	-
(Without LCD)	Υ		0.282	0.312	0.342	-
Uniformity *1	∆B		80	-	-	%*2
Color			White			

*1: This value will be changed while mass production.

*2: \triangle B=B(min) / B(max)%





1.7 Touch Panel Characteristics

Item	Specification
Input Method	Finger or stylus pen.
ITO Glass	T=0.7mm , 500Ω/□ ±150 Ω
ITO Film	T=0.188mm , 450Ω/□ ±150 Ω Anti-Glare Type
Operating Temperature	-20°C~40°C,90%RH↓,41°C~75°C,60%RH↓(Except for dew gathering.)
Storage Temperature	-40°C~40°C,90%RH↓,41°C~85°C,60%RH↓(Except for dew gathering.)
Surface Hardness	2H- pressure 500gf , 45deg.
Hitting Durability	1,000,000 times min. (Tip R 8 mm & R0.8mm)
Pen Sliding Durability	100,000 times min. (Tip R0.8mm)
Insulation Impedance	DC25V 1min,20MΩ↑
Light Transparency	80%min.
Linearity	±1.5% (±1.5% After environmental and life test)
Linearity Force	130gf less input with stylus pen (R0.8mm)
Activation Force	80gf(Typical 20gf) less individual point on with stylus pen(R0.8mm).
Bouncing	<10ms
Impact Resistance	No damage when $\psi 9 \text{mm}$ steel ball is dropped on the surface from 30 cm height at 1 time.
Flexible Pattern Heat	
Seal	500gf/cm (peeling upward by 90 deg.)
Peeling Strength	
Flexible Pattern Bending	Bending 3 times by bending radius R1.0 mm.
Resistance	The requirements in 4-2 shall be satisfied
Flexible Pattern	
Insert/Pull	1times at least. The requirements in 4-2 shall be satisfied.
Out Resistance	
	Not in operation: The requirements in 3 to 4 shall be satisfied after
Vibration Resistance	sweep vibration of 2G 15~55Hz(1 min.) is given for 30 min. each in
	the directions of X, Y, Z.
Package Drop	No damage to the product.(1corner edge, 2 ridges, 4 surfaces, drop
. donago brop	from 50 cm height)
	After 4.5Kg load for 1 min is AL plate t= 1.0mm, 10x10mm Rubber t= 1.0mm, 10x10mm
Static load resistance	applied to the center area(1.0cm²)of
	the Touch panel, the requirements
	in 3 and 4,shall be satisfied.



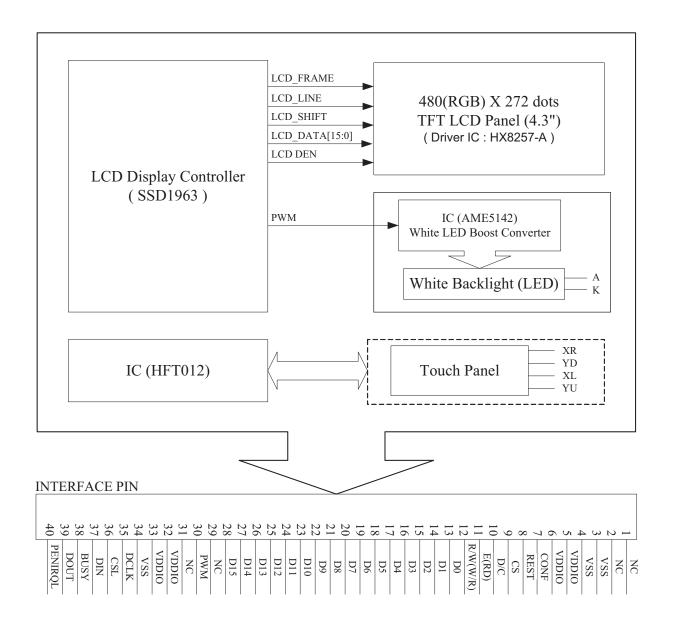
2. MODULE STRUCTURE

2.1 Counter Drawing

2.1.1 LCM Mechanical Diagram

* See Appendix

2.1.2 Block Diagram





2.2 Interface Pin Description

Pin No.	Symbol	Function
1	NC	Not Connect
2	NC	Not Connect
3	VSS	Ground
4	VSS	Ground
5	VDDIO	Power Supply Voltage.
6	VDDIO	Power Supply Voltage.
7	CONF	MCU interface configuration 0: 6800 Interface 1: 8080 Interface
8	RESET	Master synchronize reset.
9	CS	Chip select.
10	D/C	Data/Command select.
11	E (RD)	6800 mode: E (enable signal) 8080 mode: RD (read strobe signal)
12	R/W (W/R)	6800 mode: R/W 0: Write cycle 1: Read cycle 8080 mode: WR (write strobe signal)
13	D0	Data bus.
14	D1	Data bus.
15	D2	Data bus.
16	D3	Data bus.
17	D4	Data bus.
18	D5	Data bus.
19	D6	Data bus.
20	D7	Data bus.
21	D8	Data bus.
22	D9	Data bus.
23	D10	Data bus.



Pin No.	Symbol	Function
24	D11	Data bus.
25	D12	Data bus.
26	D13	Data bus.
27	D14	Data bus.
28	D15	Data bus.
29	NC	Not Connect
30	PWM	PWM output for backlight driver.
31	NC	Not Connect
32	VDDIO	Power Supply Voltage. (For T/P)
33	VDDIO	Power Supply Voltage. (For T/P)
34	VSS	Ground. (For T/P)
35	DCLK	Serial Interface Clock Input. (For T/P)
36	CSL	Chip Select Input (Active Low); this pin is used to initialize the transmission and ADC conversion, don't tied to GND directly. (For T/P)
37	DIN	Serial Data Input. (For T/P)
38	BUSY	Busy Output. High impedance when CSL is high. (For T/P)
39	DOUT	Serial Data output. High impedance when CSL is high. (For T/P)
40	PENIRQL	Pen Interrupt. (For T/P)



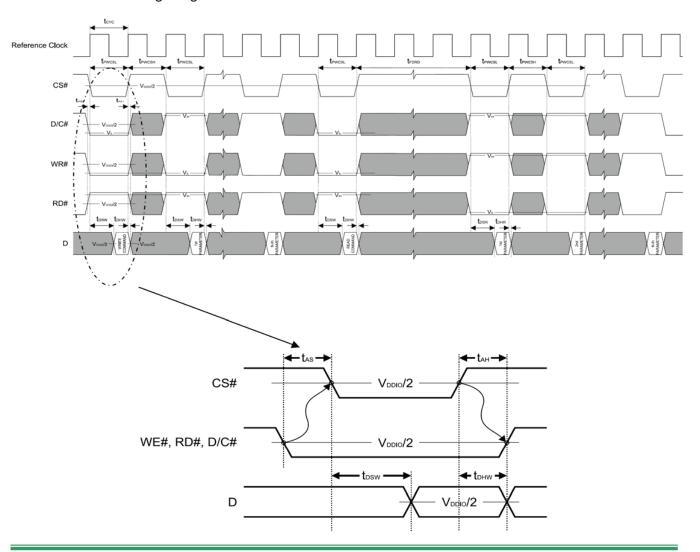
2.3 Timing Characteristics

2.3.1 8080 Mode

8080 Mode Timing

Symbol	Parameter	Min	Тур	Max	Unit
t _{cyc}	Reference Clock Cycle Time	9	-	-	ns
t _{PWCSL}	Pulse width CS# low	1	-	-	t_{CYC}
t _{PWCSH}	Pulse width CS# high	1	-	-	t_{CYC}
t _{FDRD}	First Read Data Delay	5	-	-	t _{CYC}
t _{AS}	Address Setup Time	1	-	-	ns
t _{AH}	Address Hold Time	1	-	-	ns
t _{DSW}	Data Setup Time	4	-	-	ns
$t_{ m DHW}$	Data Hold Time	1	-	-	ns
t _{DSR}	Data Access Time	-	-	5	ns
t _{DHR}	Output Hold time	1	-	-	ns

8080 Mode Timing Diagram



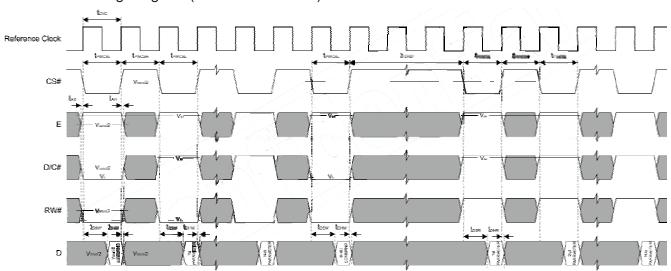


2.3.1 6800 Mode

6800 Mode Timing

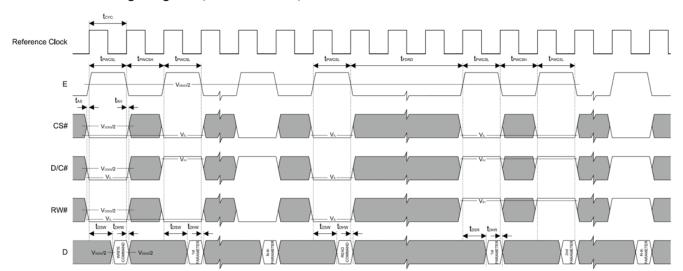
Symbol	Parameter	Min	Тур	Max	Unit
t _{eve}	Reference Clock Cycle Time	9	-	-	ns
tpwcsl	Pulse width CS# or E low	1	-	-	t _{CYC}
tpwcsh	Pulse width CS# or E high	1	-	-	t _{CYC}
t _{FDRD}	First Data Read Delay	5	-	-	t _{CYC}
t _{AS}	Address Setup Time	1	-	-	ns
t _{AH}	Address Hold Time	1	-	-	ns
t_{DSW}	Data Setup Time	4	-	-	ns
t_{DHW}	Data Hold Time	1	-	-	ns
t _{DSR}	Data Access Time	-	-	5	ns
t _{DHR}	Output Hold time	1	-	-	ns

6800 Mode Timing Diagram (Use CS# as Clock)





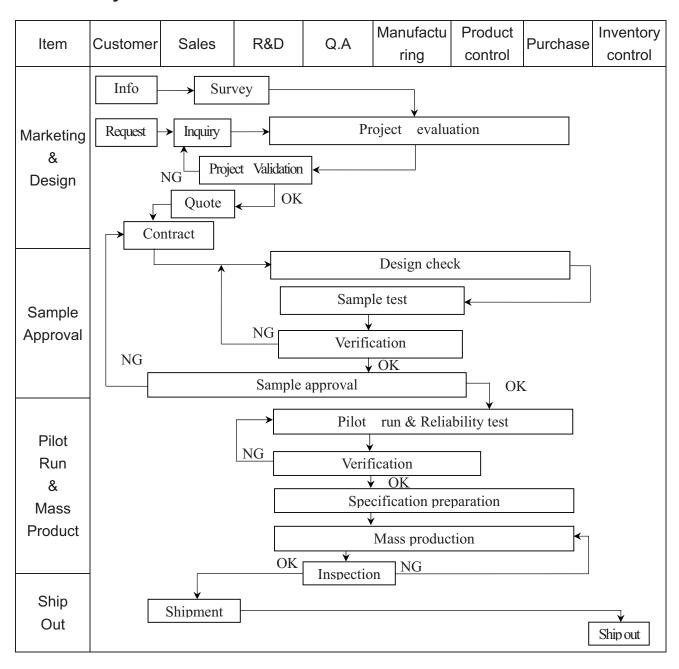
6800 Mode Timing Diagram (Use E as Clock)



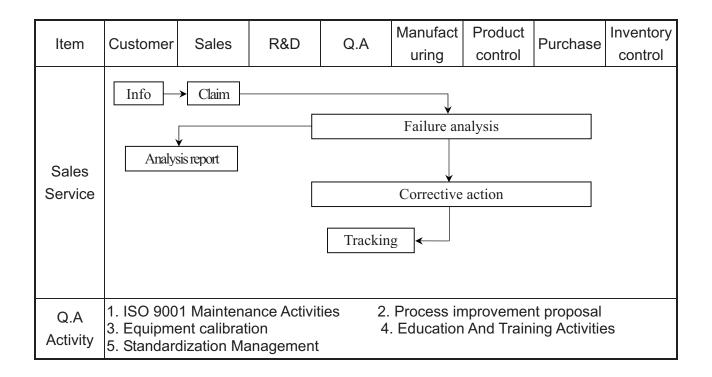


3. QUALITY ASSURANCE SYSTEM

3.1 Quality Assurance Flow Chart









3.2 Inspection Specification

◆Scope : The document shall be applied to TFT-LCD Module for 3.5" ~10" (Ver. 03).

♦ Inspection Standard: MIL-STD-105E Table Normal Inspection Single Sampling Level II.

◆Equipment: Gauge · MIL-STD · Powertip Tester · Sample

◆Defect Level: Major Defect AQL: 0.4 ; Minor Defect AQL: 1.5

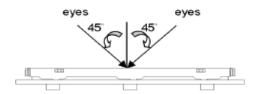
♦OUT Going Defect Level: Sampling.

◆Standard of the product appearance test:

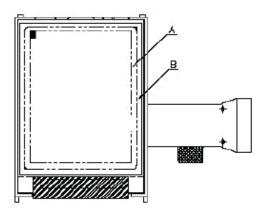
a. Manner of appearance test:

(1). The test best be under 20W×2 fluorescent light, and distance of view must be at 30 cm.

(2). The test direction is base on about around 45° of vertical line.



(3). Definition of area.



A area: viewing area

B area: Outside of viewing area

(4). Standard of inspection: (Unit: mm)



NO	Item			Criteri	on		Level
			part nu duction	mber is inconsistent	with work order of		Major
01	Product condition	1. 2 Mix	. 2 Mixed product types.				Major
		1. 3 Asse	1. 3 Assembled in inverse direction.				Major
02	Quantity	2. 1The	2. 1The quantity is inconsistent with work order of production.			ion.	Major
03	Outline dimension		3.1 Product dimension and structure must conform to structure diagram.			Major	
		4. 1 Mis	4. 1 Missing line character and icon.			Major	
	04 Electrical Testing		4. 2 No function or no display.				
04			4. 3 Display malfunction.				Major
			4. 4 LCD viewing angle defect.			Major	
		4. 5 Cur	rrent cor	nsumption exceeds p	roduct specifications.		Major
				Item	Acceptance (Q'ty)		
	Dot defect			Bright Dot	≦ 4		
	Doi delect		Dot	Dark Dot	≦ 5		
0.5	(Bright dot •		Defect	Joint Dot	≦ 3		
05	Dark dot)			Total	≤ 7		Minor
	On -display	5.1 Inspection pattern: full white, full black, Red, Green and					
1 1			blue screen				
		 5. 2 It is defined as dot defect if defect area >1/2 dot. 5. 3 The distance between two dot defect ≥5 mm. 					
		5. 3 The	distanc	e between two dot d	efect ≧5 mm.		



NO	Item	Criterion				Level			
		6. 1 Round ty	pe (Non-display o	r disp	play):				
		I I	Dimension ameter:Φ)		Acceptance A area		ty) area		
	Black or white		Φ ≤ 0.25	1	Ignore		urea		
	dot v scratch v contamination	0. 25	< Φ ≤ 0.50	T	5	_			
	Round type		$\Phi > 0.50$		0	Iş	gnore		
			Total		5				
	→ x ← v								
0 6	<u> </u>	6. 2 Line type	e(Non-display or d	lisplay	y):				Minor
	$\Phi = (x+y)/2$		Dimension		Accept	ance	(Q'ty)		
	T	Length (L)	Width (W)		A area		B area		
	Line type		W ≤ 0	. 03	Ignore				
	~ ✓ ^{¥ w}	L ≦10.0	$0.03 < W \le 0$. 05	4				
	→ L +	L ≦5. 0	$0.05 < W \le 0$. 10	2		Ignore		
			W >0	. 10	As round t	ype			
			Total		5				
		D	imension		Acceptanc	e (Q'	ty)		
		(dia	ımeter : Φ)		A area]	B area		
			$\Phi \leq 0.25$		Ignore				
07	Polarizer Bubble	0. 25	$<\Phi \le 0.50$		4				Minor
	Dubble	0.50	< Φ ≤ 0.80		1]]	Ignore		
			Φ > 0.80		0				
			Total		5				



NO	Item	Criterion	Level
08	The crack of glass	Symbols: X: The length of crack Z: The thickness of crack t: The thickness of glass 8.1 General glass chip: 8.1.1 Chip on panel surface and crack between panels: SP Y ING SP ING Seal width X Seal width	Minor
		X Y Z	
		≤ a Crack can't enter viewing area ≤1/2 t	
		\leq a Crack can't exceed the half of SP width. 1/2 t < Z \leq 2 t	



Symbols: X: The length of crack Z: The thickness of crack t: The thickness of glass 8. 1. 2 Corner crack: $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	NO	Item	Criterion	Level				
		X: The length of crack Z: The thickness of crack t: The thickness of glass 8. 1. 2 Corner crack:						
			X Y Z					
The crack of glass The crack of glass 8. 2 Protrusion over terminal: 8. 2. 1 Chip on electrode pad: $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$								
8. 2 Protrusion over terminal: 8. 2. 1 Chip on electrode pad: X X X X X X X X								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	08	The crack of glass	8.2 Protrusion over terminal:					
$\begin{array}{c cccc} X & Y & Z \\ \hline Front & \leq a & \leq 1/2 W & \leq t \end{array}$			X Y Z X Y Z					
Front $\leq a$ $\leq 1/2 \mathrm{W}$ $\leq t$								
$\begin{array}{ c c c c c }\hline Back & \leq a & \leq W & \leq 1/2 t\\ \hline \end{array}$								
, I			Back $\leq a$ $\leq W$ $\leq 1/2 t$					



NO	Item	Criterion	Level
NO 08	The crack of glass	Symbols: X: The length of crack Z: The thickness of crack t: The thickness of glass 8. 2. 2 Non-conductive portion: X Y Z X Y Z ≤ 1/3 a ≤ W ≤ t O If the chipped area touches the ITO terminal, over 2/3 of the ITO must remain and be inspected according to electrode terminal specifications. 8. 2. 3 Glass remain: X Y Z ≤ a ≤ 1/3 W ≤ t	Minor



NO	Item	Criterion	Level
		9. 1 Backlight can't work normally.	
09	Backlight elements	9. 2 Backlight doesn't light or color is wrong.	Major
		9, 3 Illumination source flickers when lit.	Major
	General appearance	10.1 Pin type · quantity · dimension must match type in structure diagram.	Major
		10. 2 No short circuits in components on PCB or FPC.	Major
		10.3 Parts on PCB or FPC must be the same as on the production characteristic chart. There should be no wrong parts, missing parts or excess parts.	Major
10		10.4 Product packaging must the same as specified on packaging specification sheet.	Minor
		10.5 The folding and peeled off in polarizer are not acceptable.	Minor
		10. 6 The PCB or FPC between B/L assembled distance(PCB or FPC) is ≤1.5 mm.	Minor



4. RELIABILITY TEST

4.1 Reliability Test Condition

Ver.03

	.1 Reliability Test Collation					
NO.	TEST ITEM	TEST CONDITION				
1	High Temperature Storage Test	Keep in +80 ±2°C 96 hrs Surrounding temperature, then storage at normal condition 4hrs.				
2	Low Temperature Storage Test	Keep in -30 ±2°C 96 hrs Surrounding temperature, then storage at normal condition 4hrs.				
3	High Temperature / High Humidity Storage Test	Keep in +60°C / 90% R.H duration for 96 hrs Surrounding temperature, then storage at normal condition 4hrs. (Excluding the polarizer)				
		Air Discharge: Apply 2 KV with 5 times Discharge for each polarity +/- 1. Temperature ambiance: 15°C	Contact Discharge: Apply 250 V with 5 times discharge for each polarity +/-			
4	ESD Test	 Humidity relative: 30%~60% Energy Storage Capacitance(Cs+Cd): 150pF±10% Discharge Resistance(Rd): 330 Ω±10% Discharge, mode of operation: Single Discharge (time between successive discharges at least 1 sec) (Tolerance if the output voltage indication: ±5%) 				
5	Temperature Cycling Storage Test	$-20^{\circ}\text{C} \rightarrow +25^{\circ}\text{C} \rightarrow +70^{\circ}\text{C} \rightarrow +25^{\circ}\text{C}$ $(30\text{mins}) (5\text{mins}) (5\text{mins})$ 10 Cycle Surrounding temperature, then storage at normal condition 4hrs.}				
6	Vibration Test (Packaged)	 Sine wave 10~55 Hz frequency (1 min) The amplitude of vibration :1.5 mm Each direction (X \ Y \ Z) duration for 2 Hrs 				
		Packing Weight (Kg) 0 ~ 45.4	Drop Height (cm) 122			
7	Drop Test	45.4 ~ 90.8	76			
-	(Packaged)	90.8 ~ 454	61			
		Over 454	46			
		Drop direction: **1 corner / 3 edg	es / 6 sides each 1times			



5. PRECAUTION RELATING PRODUCT HANDLING

5.1 SAFETY

- 5.1.1 If the LCD panel breaks, be careful not to get the liquid crystal to touch your skin.
- 5.1.2 If the liquid crystal touches your skin or clothes, please wash it off immediately by using soap and water.

5.2 HANDLING

- 5.2.1 Avoid any strong mechanical shock which can break the glass.
- 5.2.2 Avoid static electricity which can damage the CMOS LSI—When working with the module , be sure to ground your body and any electrical equipment you may be using.
- 5.2.3 Do not remove the panel or frame from the module.
- 5.2.4 The polarizing plate of the display is very fragile. So , please handle it very carefully ,do not touch , push or rub the exposed polarizing with anything harder than an HB pencil lead (glass , tweezers , etc.)
- 5.2.5 Do not wipe the polarizing plate with a dry cloth, as it may easily scratch the surface of plate.
- 5.2.6 Do not touch the display area with bare hands, this will stain the display area.
- 5.2.7 Do not use ketonics solvent & aromatic solvent. Use with a soft cloth soaked with a cleaning naphtha solvent.
- 5.2.8 To control temperature and time of soldering is 320±10°C and 3-5 sec.
- 5.2.9 To avoid liquid (include organic solvent) stained on LCM.

5.3 STORAGE

- 5.3.1 Store the panel or module in a dark place where the temperature is 25° C $\pm 5^{\circ}$ C and the humidity is below 65% RH.
- 5.3.2 Do not place the module near organics solvents or corrosive gases.
- 5.3.3 Do not crush, shake, or jolt the module.

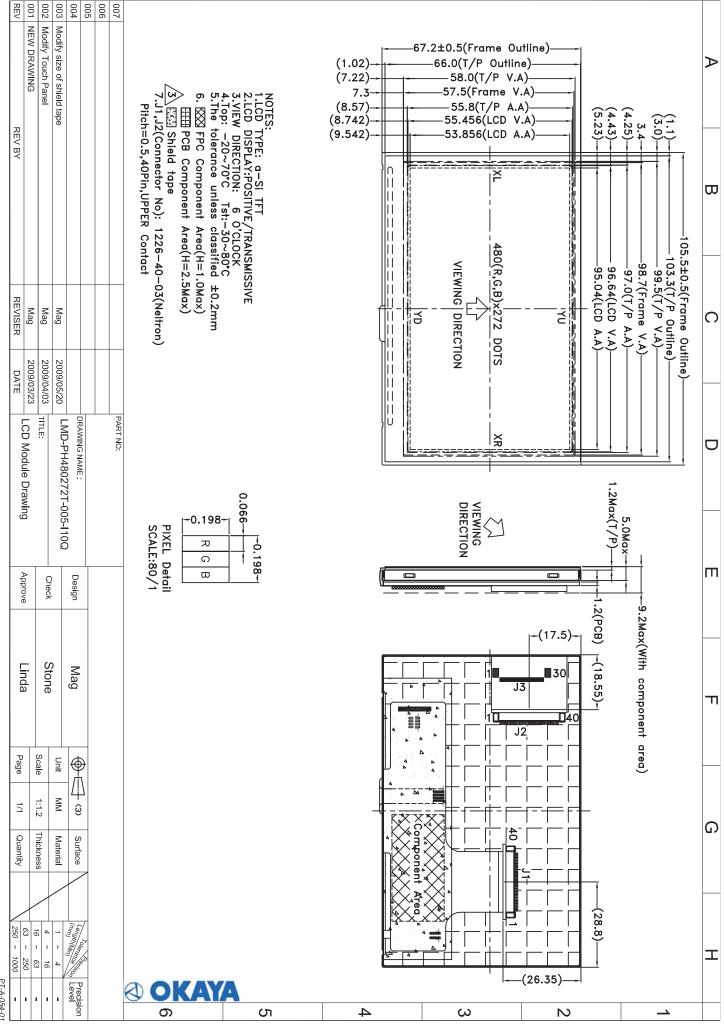
5.4 TERMS OF WARRANTY

5.4.1 Applicable warrant period

The period is within thirteen months since the date of shipping out under normal using and storage conditions.

5.4.2 Unaccepted responsibility

This product has been manufactured to your company's specification as a part for use in your company's general electronic products. It is guaranteed to perform according to delivery specifications. For any other use apart from general electronic equipment, we cannot take responsibility if the product is used in nuclear power control equipment, aerospace equipment, fire and security systems or any other applications in which there is a direct risk to human life and where extremely high levels of reliability are required.



PT-A-054-01

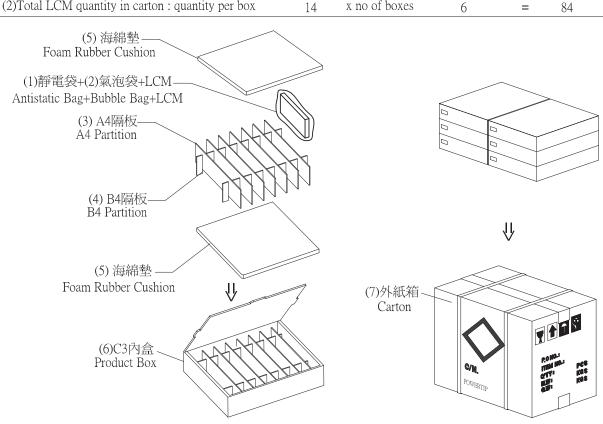
Ver.001 OKAYA Documents NO.

Approve	Check	Contact
Linda	Stone	Mag

1.包裝材料規格表 (Packaging Material): (per carton)

No.	Item	Model	Dimensions (mm)	1Pcs Weight	Quantity	Total Weight
1	成品 (LCM)	PH480272T-005-I10Q	105.5 X 67.2	0.085	84	7.14
2	氣泡袋(1)Bubble Bag	BAG170150BRABA	170 X 150	0.0045	84	0.378
3	A4隔板(2)A4 Partition	BX24500070BNBA	245 X 70 X 2.5	0.014	42	1.092
4	B4隔板(3)B4 Partition	BX29300070BLBA	293 X 70 X 2.5	0.012	12	0.144
5	海綿墊(4)Foam Rubber Cushion	OTFOAM00006ABA	290 X 240 X 10	0.02	12	0.24
6	C3內盒(5)Product Box	BX31025510AABA	310 X 255 X 100	0.263	6	1.578
7	外紙箱(6)Carton	BX52732536CCBA	527 X 325 X 360	1.092	1	1.092
8						
9						

- 2. 整箱總重量 (Total LCD Weight in carton): 11.66 Kg±10%
- 3.單箱數量規格表 (Packaging Specifications and Quantity):
- (1)Quantity Of Spacer: A4隔板 X 7, B4隔板 X 2
- (2)Total LCM quantity in carton: quantity per box
- x no of boxes
- 84



事 特 記 項 (REMARK)

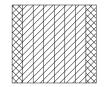
1. Label Specifications:

MODEL: LOT NO: QUANTITY: CHECK:

- 2. 每隔放兩片模組,前後隔各放一片模組。 (如3.放置格示意圖)
- 2. 2 LCM are placed on every. The first and the last slot should be one pcs
- (See remarks 3 on packaging specifications)

3.放置格示意圖:

3.Each divider is placed inside a product Box



- ☑ 模組(LCMx2PCS)
- > 模組(LCMx1PCS)