

Product Change Notification

Date: Dec 7th, 2015

Dear Valued Customer,

Thank you for choosing KYOCERA as your LCD solution provider. We appreciate the opportunity to support your business. This letter is to provide you some product changing information.

1. Part Number:

Current PN	New part number	Description
T-55787GD104J-LW-AHN	T-55787GD104J-LW-AJN	10.4" SVGA, AWV, 1200nits,
T-55787GD104J-LW-AIN	T-55787GD104J-LW-ALN	10.4" SVGA, AWV, 1200nits, semicustom

2. Reason for the ECN:

We have redesigned the backlight with higher efficiency LED chips to reduce heat from the backlight. Also to improve the delivery management and ensure supply stability, we will produce the backlight unit in house.

- LED chip (higher efficiency type. No change of supplier)
- Backlight unit from outsource to in-house production.
- Improved design for front and back cover

Please refer below for more details.

2.1. Current Consumption

Current:

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Supply voltage 1)	V _{IN}	-	10.8	12.0	13.2	V
Current consumption	I _{IN}	2)	-	(1030)	(1340)	mA

New:

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Supply voltage 1)	V _{IN}	-	10.8	12.0	13.2	V
Current consumption	I _{IN}	2)	-	(570)	(740)	mA

2.2. Brightness Condition

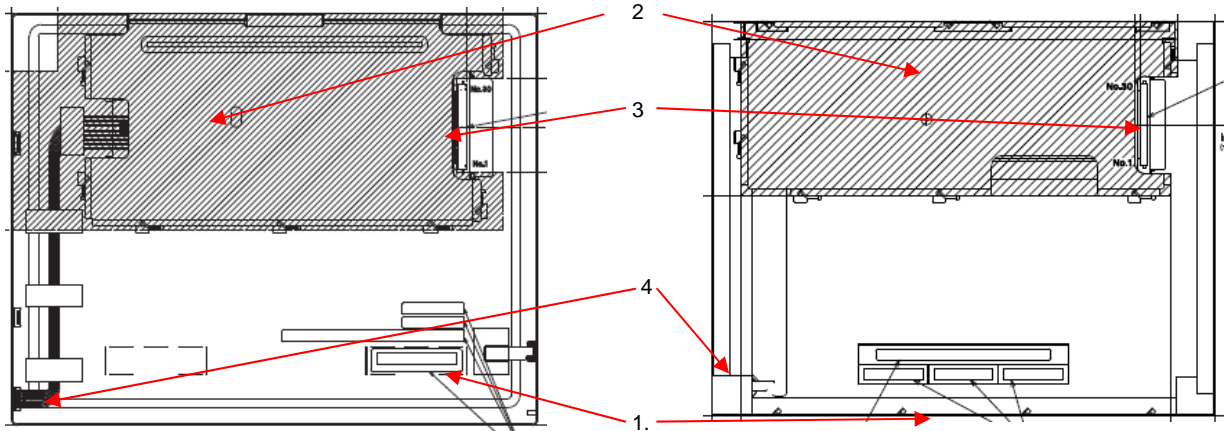
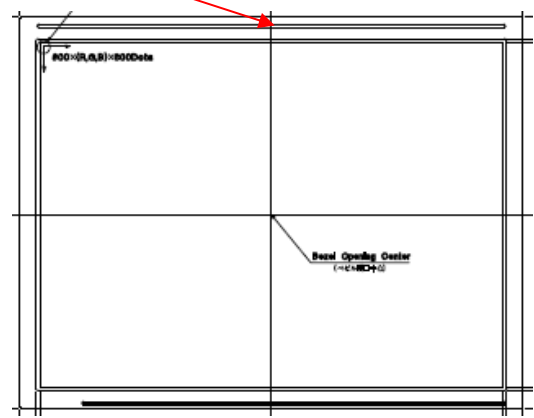
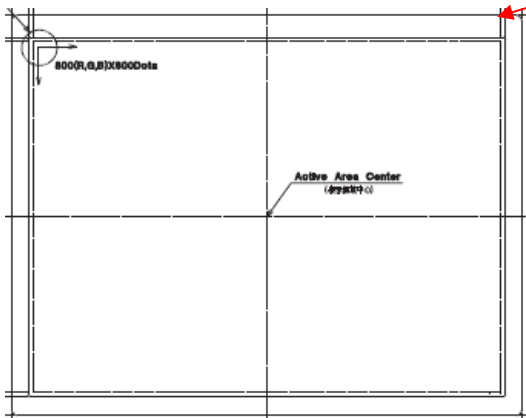
Current:	Contrast ratio	CR	$\theta = \phi = 0^\circ$	500	750	-	-
	Brightness	L	IF=100mA/Line	-	(1200)	-	cd/m ²

New:	Contrast ratio	CR	$\theta = \phi = 0^\circ$	500	750	-	-
	Brightness	L	IF=70mA/Line	-	(1200)	-	cd/m ²

2.3. Design of front side

Current:

1. Design of front bezel is changed



1. Label Position is changed.
2. Design of Shield Cover is changed.
3. Location of connector slightly changed.
4. Location of LED-FPC is changed as the BL location is changed.

3. Reliability Test Plan

Test item	Test condition	Test time	Judgement
High temp. atmosphere	80°C	(240h)	Display function : No defect Display quality : No defect Current consumption : No defect
Low temp. atmosphere	-30°C	(240h)	Display function : No defect Display quality : No defect Current consumption : No defect
High temp. humidity atmosphere	40°C 90% RH	(240h)	Display function : No defect Display quality : No defect Current consumption : No defect
Temp. cycle	-30°C 0.5h R.T. 0.5h 80°C 0.5h	(10cycles)	Display function : No defect Display quality : No defect Current consumption : No defect
High temp. operation	80°C	(500h)	Display function : No defect Display quality : No defect Current consumption : No defect

4. Change Schedule:

- Sample & Spec: Available now
- Customer approval: Mar 2016

Thank you in advance for your understanding and cooperation. If you have any questions, please contact your KYOCERA sales representative.

Sincerely yours,

KYOCERA Industrial Ceramics Inc
Display Division