Display Division
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Product Change Notification

Date: June 16th, 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 inform you of a material change on one of our TFT-LCD products. Please kindly refer to the details below:

1. Product:

Current: T-55785GD070J-LW-AFN
New : T-55785GD070J-LW-AGN

2. Reason for ECN:

To improve the LED backlight unit performance, we made a design change by using higher efficiency LED chip (No change of supplier.) and produce the backlight module in-house.

As a result, the LED power consumption decreased from 6.24W to 4.56W, while the brightness remains at 1000nits.

Pease refer page 2 for the details of the change and reliability test result.

3. Schedule

- Sample for Evaluation: Now
- Specification: Now
- Mass Production: Est. AUG 2015 (Product will be running change once the AFN stock is depleted.)

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

2.1. Current Consumption

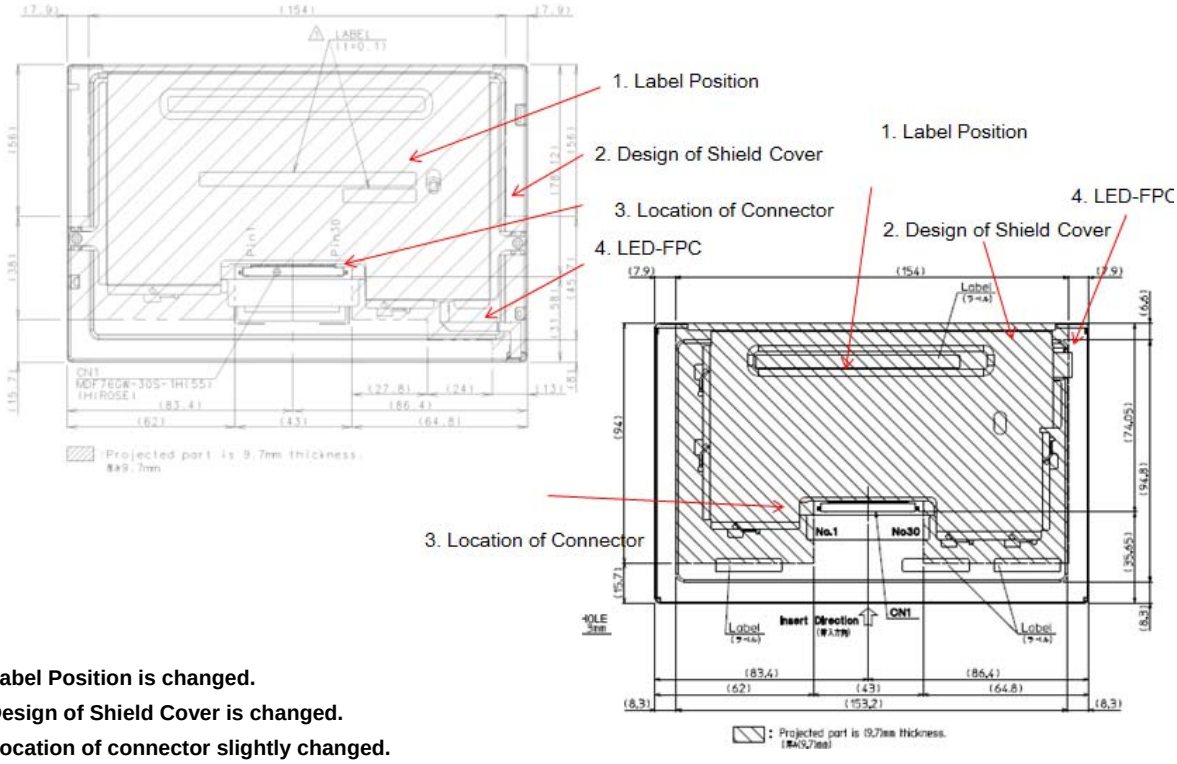
Current:

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Supply voltage 1)	V_{IN}	-	10.8	12.0	13.2	V
Current consumption	I_{IN}	2)	-	(520)	(680)	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)	-	(380)	(550)	mA

2.2. Design of the rear side



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.

2.3. Reliability Test Result

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