

TO : Customer

DATE : 2021.05.27

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DOCUMENTATION FOR APPROVAL

PRODUCT : LED BACKLIGHT DRIVER (ROHS)

MODEL NAME : GH766A(A26)

GCCT NAME : GCCT766AZ

APPROVAL	CHECKED	WRITTEN

PLEASE RETURN ONE DOCUMENT AFTER APPROVED SIGN.

GREEN C&C TECH	LED DRIVER SPECIFICATION GH766A(A26)	Publishing Date	2021.05.27
		Reforming Date	

NO	Date	REVISION	Page
REVISION HISTORY			

REV.														
Page														
REV.	0	0	0	0	0									
Page	1	2	3	4	5									
											Page Rev.	0	Page	1

GREEN C&C TECH	LED DRIVER SPECIFICATION GH766A(A26)	Publishing Date	2021.05.27
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1. APPLICATION

This Document Specified The Detailed Product Requirement of LED driver
GH766A(A26)

2. SUITABLE LOAD

LCD MODULE : 4 Strings LED BLU TFT LCD

3. ELECTRICAL CHARATERISTICS

3.1. Absolute Maximum Ratings

Item	Symbol	Spec.	Unit	Remarks
Input Voltage 1	Vin	10.8~26.4	V	
Input Voltage 2	ON/OFF	5.25	V	
Operating Temperature	Top	0~50	℃	
Storage Temperature	Tstg	-20~60	℃	
Relative Humidity	RH	80	%	

3.2. Control Signal

PIN No.	Symbol	Status	Action	Remarks
CN1 #9	ON/OFF	HIGH	LED - ON	2.4 ~ 5.25V
		LOW	LED - OFF	0.8 V Max

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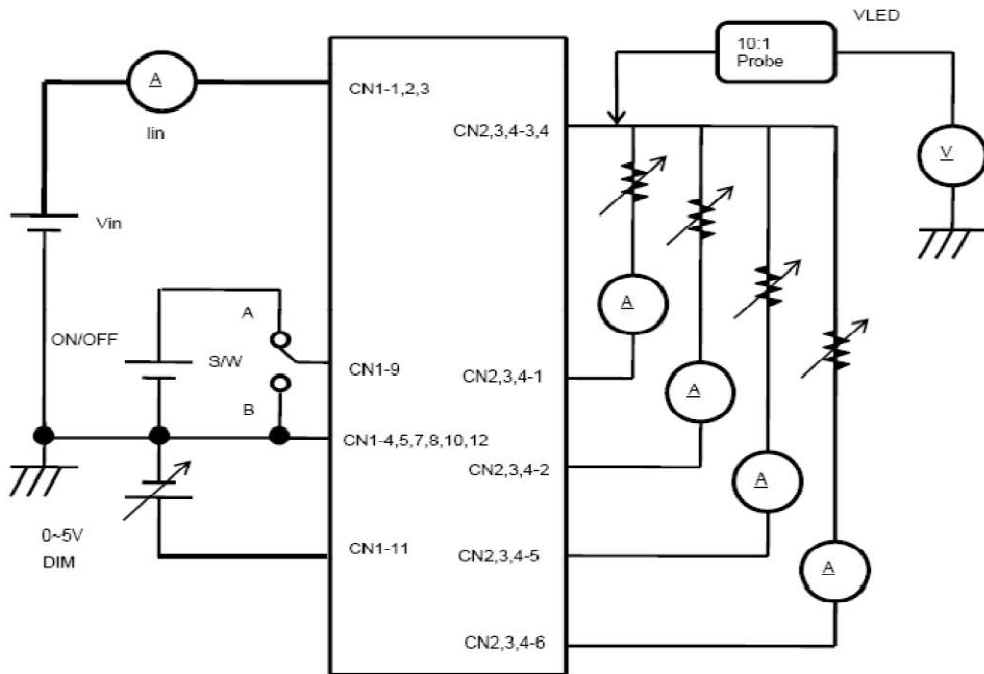
3.3. Output Characteristics

Item	Sym.	Condition	Min.	Typ.	Max.	Unit
Input Voltage	Vin	-	10.8	-	26.4	Vdc
Input Current	Iin	Vin=12V or 24V, Dim=0V	-	-	3.0	A
Output Current	Iout (Max)	Vin=12V or 24V, Dim=0V	75.0	85.0	95.0	mAmean
Backlight ON/OFF Control	ON	-	2.4	-	5.25	Vdc
	OFF	-	-0.3	-	0.8	

* Output Voltage is greater than Input Voltage for at least 3V or more.

3.4. Test Circuit

-. S/W : A --> BLU ON
B --> BLU OFF



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4. INTERFACE

4.1. CN1 Connector (Input) : 12505WR-12A (YEONHO) or Equivalent

PIN No.	Symbol	Description
1,2,3	VIN	Voltage Input : 12V or 24V (typ)
4,5,7,8,10,12	GND	Ground
6	N.C	No Connection
9	ON/OFF	LED DRIVER ON/OFF Control
11	DIM	0V(MAX)~5V(MIN)

4.2 CN2 Connector (OUTPUT) :12507WR-06L (YEONHO) OR Equivalent

PIN No.	Symbol	Description
1	FB1	Feedback 1
2	FB2	Feedback 2
3,4	VLED	System Output
5	FB3	Feedback 3
6	FB4	Feedback 4

4.3 CN3 Connector (OUTPUT) : 10019HR-H06B (YEONHO) OR Equivalent

PIN No.	Symbol	Description
1	FB1	Feedback 1
2	FB2	Feedback 2
3,4	VLED	System Output
5	FB3	Feedback 3
6	FB4	Feedback 4

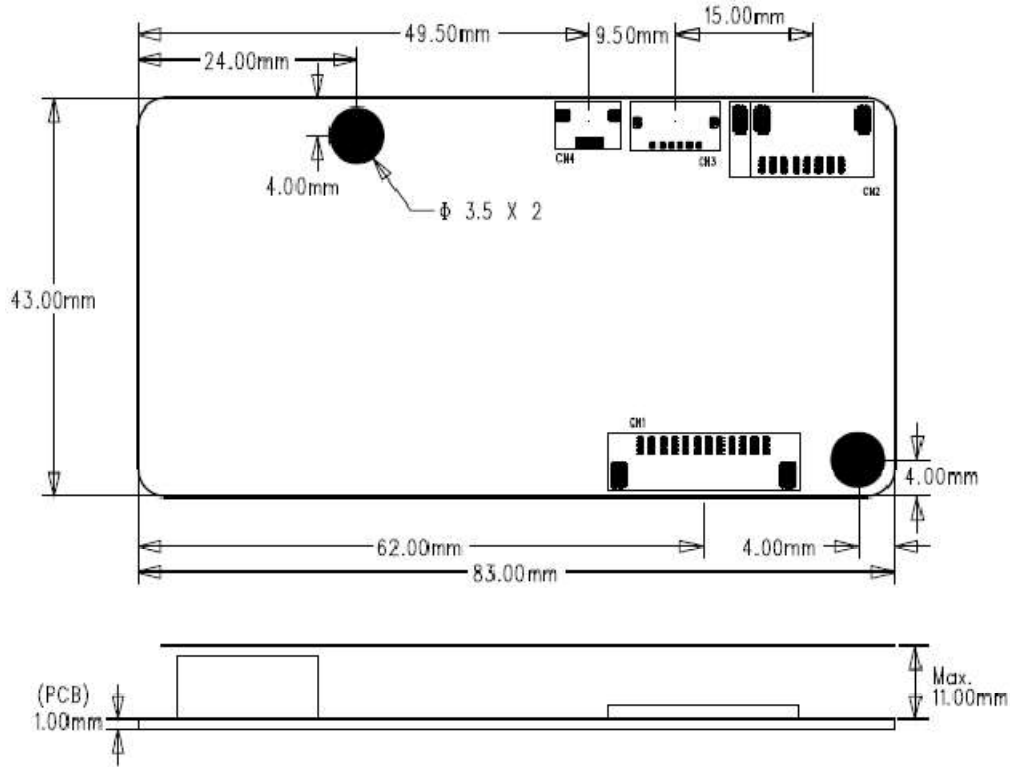
4.4 CN4 Connector (OUTPUT) : 05002HR-H06CE(G) (YEONHO) OR Equivalent

PIN No.	Symbol	Description
1	FB1	Feedback 1
2	FB2	Feedback 2
3,4	VLED	System Output
5	FB3	Feedback 3
6	FB4	Feedback 4

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5. APPERANCE (Unit : mm)

(Tolerance : +0.8mm, -0.2mm)



6. NOTATION OF LOT NUMBER

MARKING:BOTTOM



GH766A(A26)

G20 01A

0001 AZ

→① USER MODEL CODE

→② PRODUCTION MANAGEMENT CODE

→③ SERIAL NUMBER OR CONTROL CODE

①	GH766A(A26)	: USER MODEL CODE
	G	: MANUFACTURER CODE (GREEN C&C TECH)
	20	: YEAR OF PRODUCT
		19 → 2019 , 20 → 2020 , ... , 29 → 2029
②	01	: WEEK OF PRODUCT 01,02,03,04,...52
	A	: PUBLICATION NUMBER A,B,C,...,Z,0,1,2,...,9
③	0001	: SERIAL NUMBER 0001,0002.....9998,9999
	AZ	: GCCT CONTROL MODEL CODE