## UNCONTROLLED DOCUMENT

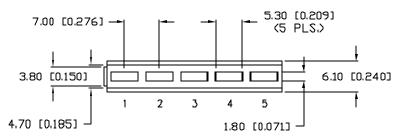
ANDDE -

0.50 [0.020]

(10 PLS.)

2.60 [0.102]

4.50 [0.177]



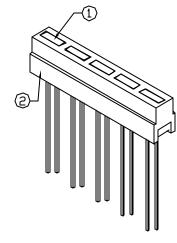
- 35,00 [1,378] -

2.54 [0.100]

(5 PLS.)

8.40 [0.331]

25.00 [0.984]



ELECTRO-OPTICAL CHARACT	erist	ICS TA=2	5'C	lf=20m	٦A	
PARAMETER	RED	AMBER	YELLOW	GREEN	UNITS	test cond
PEAK WAVELENGTH	635	610	585	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.0	2.1	2.2	۷f	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.5	2.6	٧f	
REVERSE VOLTAGE	5.0	5.0	5.0	5.0	٧r	Aµ001=1
AXIAL INTENSITY	15	10	10	10	mcd	lf=20mA
VIEWING ANGLE	110	110	110	110	2x theta	
LED POSITION:	1	2	3	4,5		
EPOXY LENS FINISH: DIFF	USED	SAME AS	EMITTED	COLOR		

PART NUMBER

SSA-LXB525-IAY2GD

## LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/A/Y/G)	30/30/30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/"C
OPERATING, STORAGE TEMP.	-	-40 TO +85	۰Ċ
SOLDERING TEMP.		+ 260	.С
2.0mm FROM BODY			3 SEC. MAX

\* t<10µS

## NOTES:

1. SSL-LX2583ID, LED. (1 PCS.) SSL-LX2583AD, LED. (1 PCS.)

SSL-LX2583GD, LED. (2 PC.)



SSL-LX2583YD, LED. (1 PC.) 2. SSH-LXH525, HOLDER.

3. BACKFILL BOTTOM OF HOLDER WITH U.V. GLUE TO SECURE LEDS.

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2,70 [0,106]

- 3.80 [0.150]

REV.	PART NUMBER	<u>confidential information</u> The information contained in this document is the property of	i ma		) E. HELEN ROAD ATINE. IL 60067—6976
	SSA—LXB525—IAY2GD	LUMEX NG. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUNEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCUSSIONE AND DISSEMINATION TO ALL THRO PARTIES.	We take Abaptas to Ma	PHC US	DNE: +1.847.359.2790 WEB: www.lumex.com WEB: www.lumex.com.tw
	1.8mm x 5.3mm 5 UNIT LED ARRAY, POS.1: RED, POS.2: AMBER, POS.3: YELLOW, POS.4.5: GREEN, COLOR DIFFUSED LENS.	IN PART FROM DISCUSSING AND DISSEMPTIATION TO ALL THREE FARTIES. <u>Relability note</u> Dur Nany Years of Experience data accumulation indicate that Solder heat is a major cause of early and future failure. Please pay attention to your soldering process.	DRAWN BY:		APPROVED BY: DATE: 9/25/06 PAGE: 1 OF 1 SCALE: N/A

REV.

## **Mouser Electronics**

Authorized Distributor

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Lumex: SSA-LXB525-IAY2GD