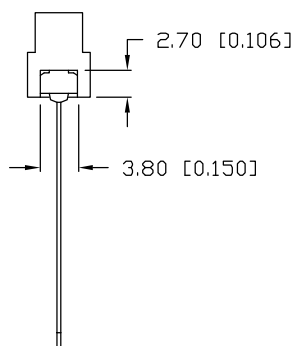
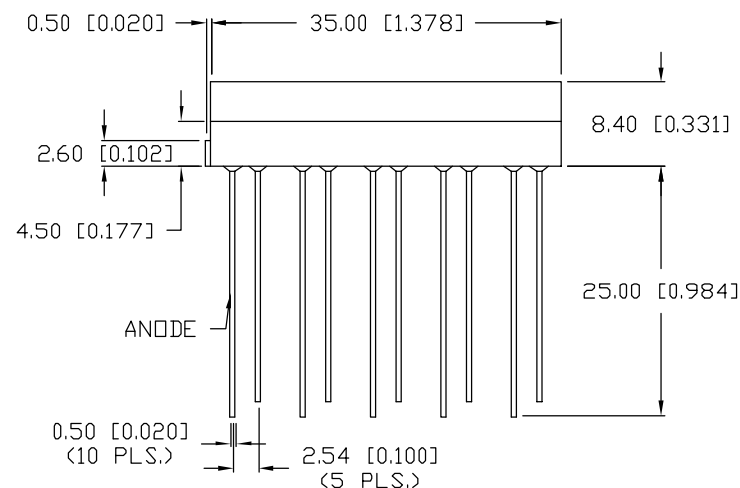
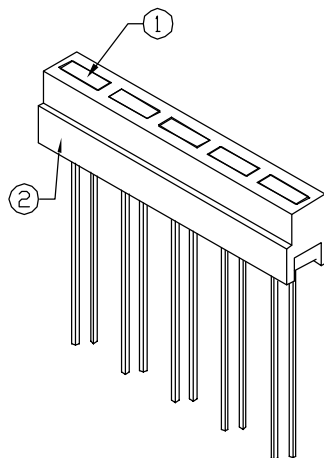
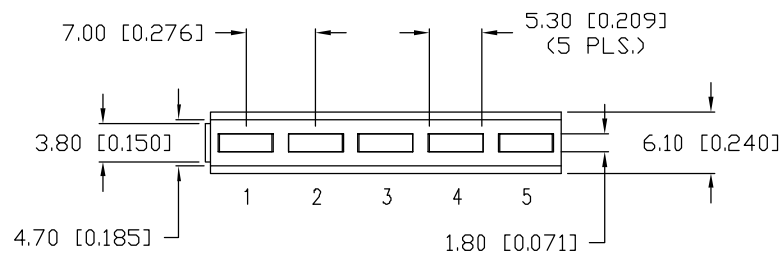


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSA-LXB525-11G311D		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	6.4.01

ELECTRO—OPTICAL CHARACTERISTICS		T _A =25°C		I _f =20mA	
PARAMETER	RED	GREEN	UNITS	TEST COND	
PEAK WAVELENGTH	635	565	nm		
FORWARD VOLTAGE (TYP.)	2.0	2.1	V _f		
FORWARD VOLTAGE (MAX.)	2.5	2.5	V _f		
REVERSE VOLTAGE	5.0	5.0	V _r	I _r =100μA	
AXIAL INTENSITY	12	10	mcd	I _f =20mA	
VIEWING ANGLE	110	110	2x theta		
LED POSITION:	1 & 5	2~4			
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C PER CHIP			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		- 40 TO + 85	°C
SOLDERING TEMP.		+ 260	°C
2.0mm FROM BODY			3 SEC. MAX

* $t < 10 \mu S$

NOTES:

1. SSL-LX2583GD, LED. (3 PCS.)
SSL-LX2583ID, LED. (2 PCS.)
2. SSH-LXH525, HOLDER.
3. BACKFILL BOTTOM OF HOLDER WITH U.V. GLUE TO SECURE LEDS.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.=+0.00
-0.00 -DECIMAL PRECISION

REV. A	PART NUMBER SSA-LXB525-11G3I1D	<p>CONFIDENTIAL INFORMATION</p> <p>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.</p> <p>RELIABILITY NOTE</p> <p>OUR MANY 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.</p>		290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw	
1.8mm x 5.3mm 5 UNIT LED ARRAY, POS.1 & 5: RED, POS.2~4: GREEN, COLOR DIFFUSED LENS.		DRAWN BY: CT	CHECKED BY:	APPROVED BY:	DATE: 2.18.92 PAGE: 1 OF 1 SCALE: N/A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSA-LXB525-I1G3I1D](#)