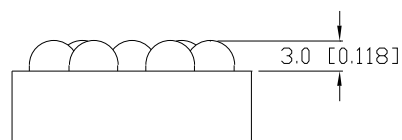
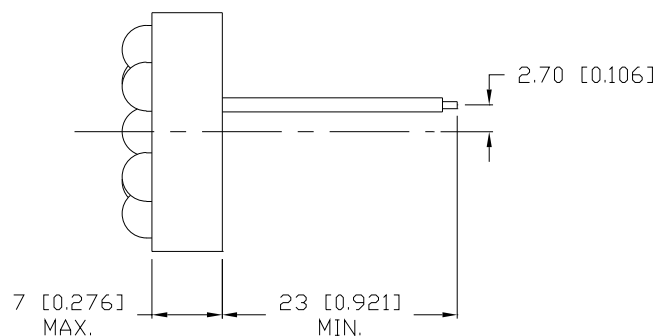
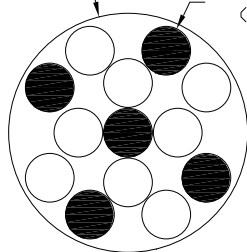


UNCONTROLLED DOCUMENT

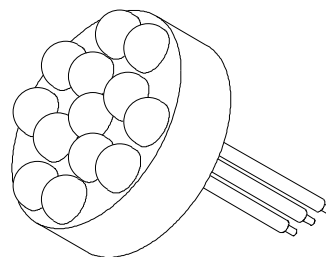
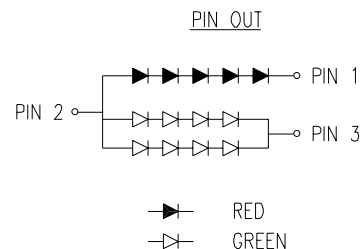
PART NUMBER  
SSP-LXC09462S13AREV.  
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10582.	1-14-00

Ø23.80 [Ø0.937]  
Ø4.9 [Ø0.191]  
(13 PLS.)



PIN 1  
PIN 3  
SHRINKABLE INSULATION  
Ø0.70 [Ø0.028] (3 PLS.)  
Ø1.40 [Ø0.055] (3 PLS.)  
2.54 [0.100] (2 PLS.)

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=20/40\text{mA}$ 

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (R)		nm	
		565 (G)		nm	
FORWARD VOLTAGE * (R/G)		9/8.8	11.5/10.4	$V_f$	
REVERSE VOLTAGE (R/G)	4.0/5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY ** (R/G)		2000/300		mcd	$I_f=20/40\text{mA}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER RED/SUPER GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

\* VOLTAGE FOR: PIN 1/PIN 3

\*\* INTENSITY PER DIE. TEST CONDITION: CURRENT FOR PIN 1/PIN 3

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM $25^\circ\text{C}$		-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

\*  $t < 10\mu\text{s}$ 

\*TOLERANCES PER DECIMAL PRECISION ARE:  $X=\pm 1$  ( $\pm 0.039$ ),  $X.X=\pm 0.5$  ( $\pm 0.020$ ),  $X.XX=\pm 0.25$  ( $\pm 0.010$ ). LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ), MIN= +DECIMAL PRECISION -0.00, MAX.= +0.00 -DECIMAL PRECISION

REV.

A

PART NUMBER

SSP-LXC09462S13A

## CONFIDENTIAL INFORMATION

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## RELIABILITY NOTE

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.

**LUMEX**  
INCORPORATED

290 E. HELLEN ROAD  
PALATINE, ILLINOIS 60067  
PHONE: (847) 359-2790  
WEB: <http://www.lumex.com>

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 9-21-99

BC

PAGE: 1 OF 1

SCALE: N/A

0.94" CIRCULAR, 13 LED CLUSTER, DUAL COLOR,  
660nm SUPER RED LEDS, 585nm SUPER GREEN LEDS,  
WATER CLEAR LENS, COMMON ANODE.

UNCONTROLLED DOCUMENT