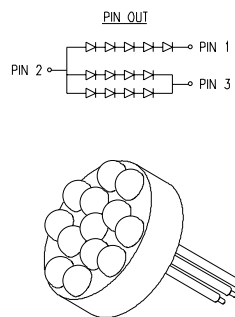
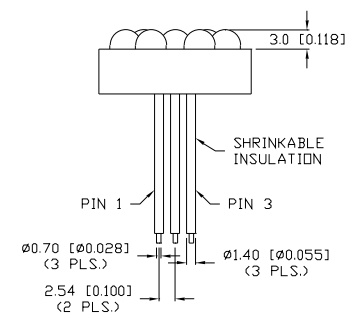
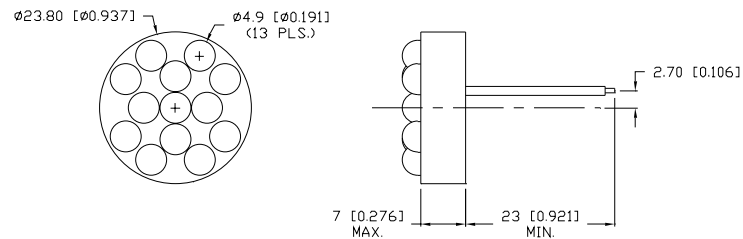


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSP-LXC0943S13A		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10582.	1-14-00

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20/40\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE*		10.5/8.4	12.5/10	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY**		1200		mcd	$I_f=20/40\text{mA}$
VIEWING ANGLE		30		$2 \times \text{theta}$	
EMITTED COLOR:	SUPER YELLOW				
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	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-30 TO +70	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
SOLDERING TIME	3 SEC. MAX	

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

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

UNCONTROLLED DOCUMENT

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	
A	SSP-LXC0943S13A	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.	
0.94" CIRCULAR, 13 LED CLUSTER, 590nm SUPER YELLOW LEDS, WATER CLEAR LENS, COMMON ANODE.		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.	290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: (847) 369-2790 WEB: <a href="http://www.lumex.com">http://www.lumex.com</a>
DRAWN BY: BC		CHECKED BY:	APPROVED BY: DATE: 9-21-99
			PAGE: 1 OF 1
			SCALE: N/A