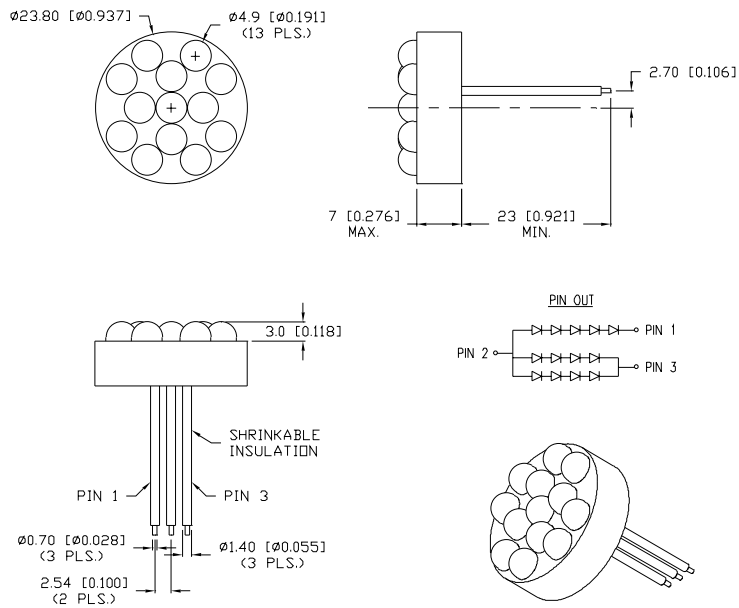


UNCONTROLLED DOCUMENT

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		$2x$ 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°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 30 TO + 70	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		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
A	SSP-LXC0943S13A
0.94" CIRCULAR, 13 LED CLUSTER, 590nm SUPER YELLOW LEDS, WATER CLEAR LENS, COMMON ANODE.	

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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.

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 9-21-99
BC			PAGE: 1 OF 1
			SCALE: N/A