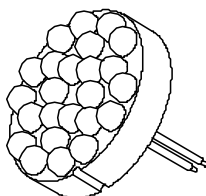
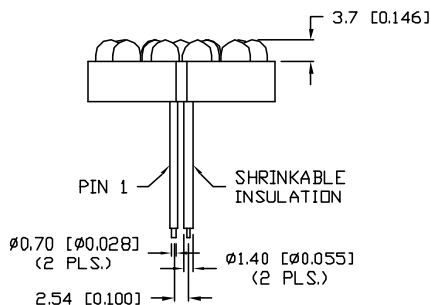
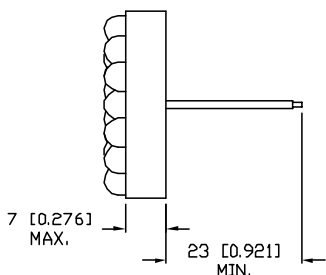
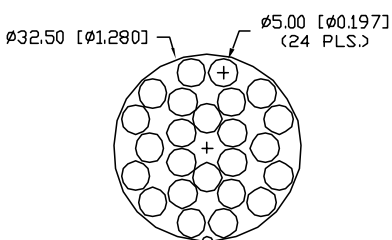


UNCONTROLLED DOCUMENT

CAUTION: STATIC SENSITIVE DEVICE  
 FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
 WHEN WORKING WITH THIS PART.  
 ESD CLASSIFICATION: CLASS II BASED ON MIL-STD 883E.



PART NUMBER		REV.
SSP-LXC1282UP24		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10616.	4-20-00
B	E.C.N. #10626.	6-1-00

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		21	24	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY**		5000		mcd	I <sub>f</sub> =80mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	ULTRA PURE GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

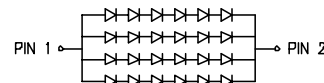
\*\* INTENSITY PER DIE.

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	90	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	mW
DERATE FROM 25°C	-1.0	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +70	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

PIN OUT



REPLACES PART #: SSP-LXC1282UP24A

\*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 -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER
B	SSP-LXC1282UP24
1.28" CIRCULAR, 24 LAMP POLYLED, 525nm InGaN/SiC GREEN LEDS, WATER CLEAR LENS.	

**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.



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			PAGE: 1 OF 1

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