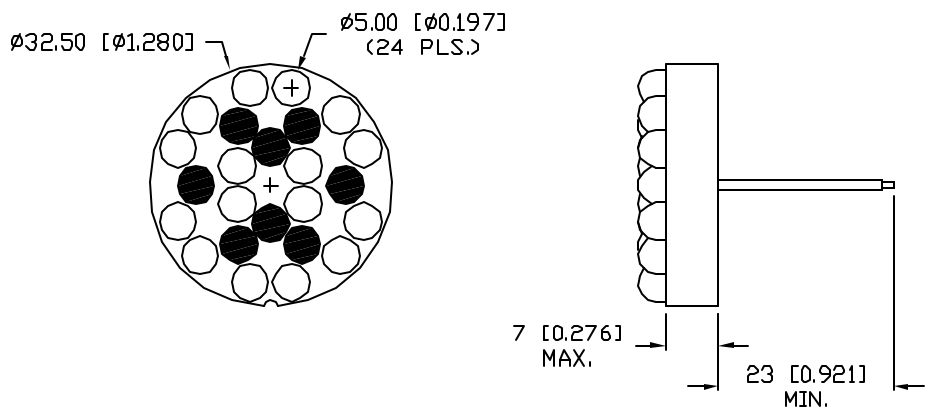


PART NUMBER		REV.
SSP-LXC12862S24A		C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10582.	1.12.00
B	E.C.N. #10616.	4.20.02
C	E.C.N. #10929.	11.18.02



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

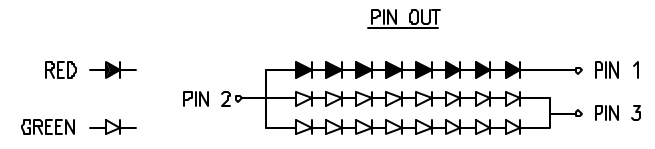
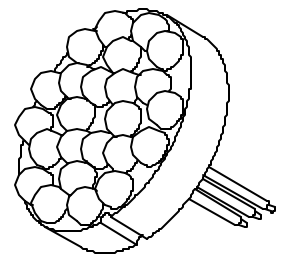
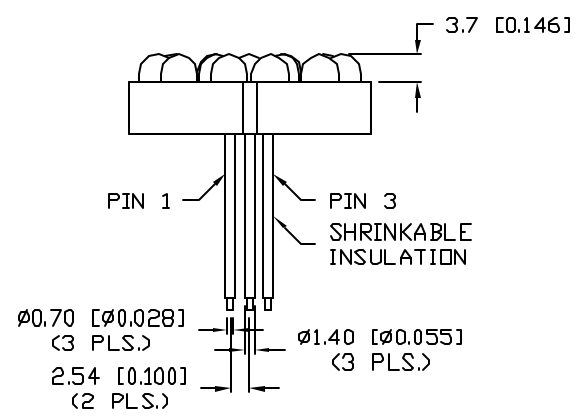
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (R)		nm	
		565 (G)		nm	
FORWARD VOLTAGE* (R/G)		14.4/17.6	18.4/20.8	$V_f$	
REVERSE VOLTAGE (R/G)	4.0/5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY** (R/G)		2000/300		mcd	$I_f=20/40\text{mA}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER 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°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°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

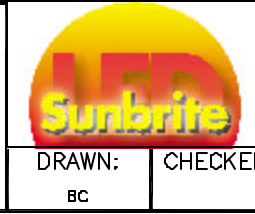


\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= <sup>+0.00</sup>/<sub>-0.00</sub> MAX= <sup>+0.00</sup>/<sub>-0.00</sub>

REV.	PART NUMBER
C	SSP-LXC12862S24A
1.28" CIRCULAR, 24 LAMP POLYLED, RED/GREEN LEDS, WATER CLEAR LENS.	

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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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APPROVED:	DATE: 9.21.99
BC	PAGE: 1 OF 1