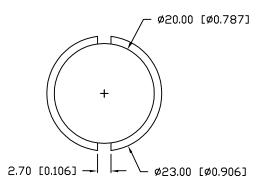
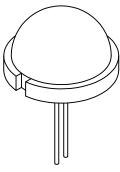
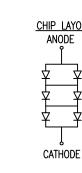
SSL-LX20R6SUGD







3.50 [0.138]

3.00 [0.118]

2.54 [0.100]

CHIP LAYOUT ANODE

ELECTRO-OPTICAL CH	HARACTERIST	TICS TA=25	5°C	$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		6.6	7.8	V_{f}	
REVERSE VOLTAGE	5.0			V_r	I _r =100μA
AXIAL INTENSITY		360		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN D	IFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	m W/ *C
OPERATING, STORAGE TEMP.	- 40 TO +85	•C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS

UNCONTROLLED DOCU

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), 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= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISIO

REV.

13.50 [0.531]

23.50 [0.925]

ANDDE -

Ø0.80 [Ø0.031]

(2 PLS.)

PART NUMBER SSL-LX20R6SUGD

22mm DIAMETER, 6 CHIP JUMBO LED LAMP, 574nm AllnGaP GREEN LED, GREEN DIFFUSED LENS.

CONFIDENTIAL INFORMATION
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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: CT

CHECKED BY: APPROVED BY: DATE:

4.7.03 PAGE: 1 OF 1 SCALE: N/A