

DATE

REVISIONS

REV

DRAWING NUMBER
SSL-LXA227GC-TR11

REV

LIMITS OF SAFE OPERATION AT 25°C

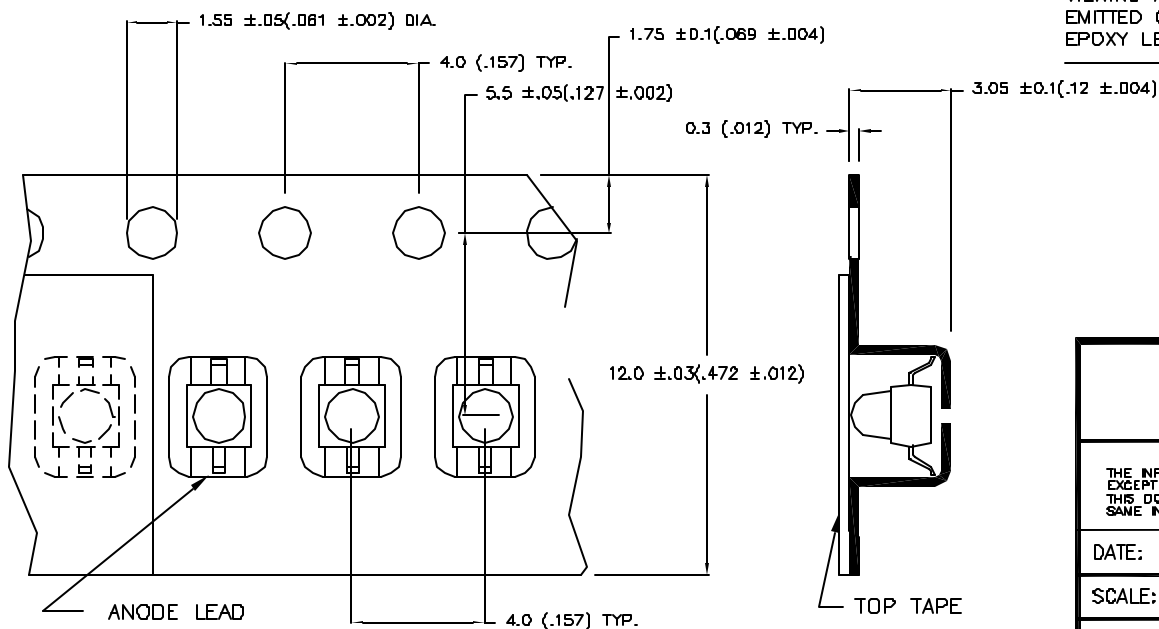
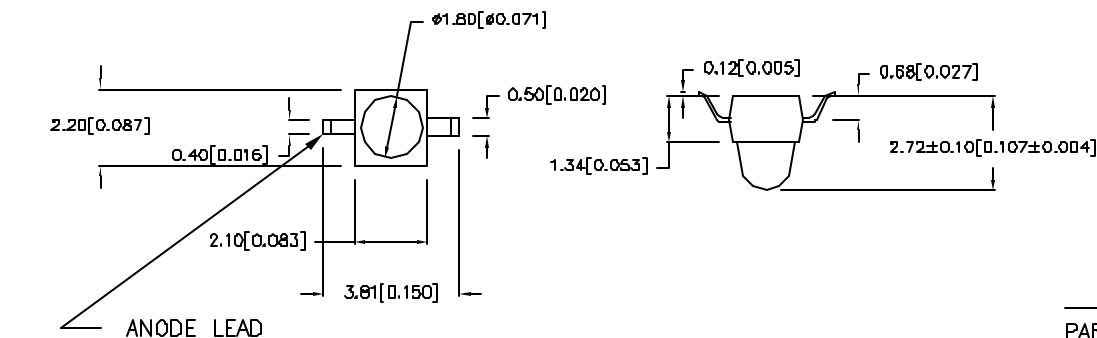
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+280	°C
		3 SEC. MAX

* $t < 10\mu s$ ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ C$ $I_f = 20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu A$
AXIAL INTENSITY		30		mcd	$I_f = 20mA$
VIEWING ANGLE		25		2x theta	
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

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.


LUMEX
INCORPORATED

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DATE: 8-15-96

DWN:

CHK'D:

APPD:

SCALE: N/A

 AXIAL LED, GREEN, WATER CLEAR LENS
GULL WING, TAPE AND REEL

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WS/GK/DN