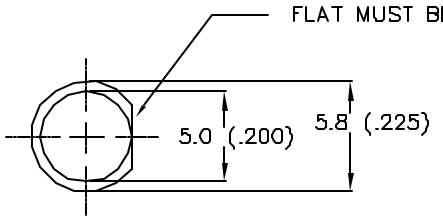
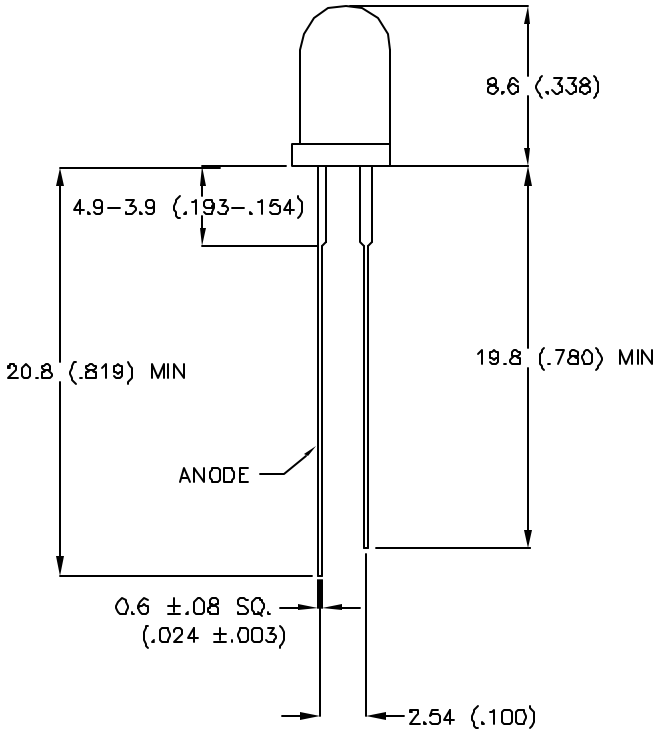
DATE	REVISIONS	REV

DRAWING NUMBER SSL-LX5091ID — REV



ELECTRO-OPTICAL CHARACTERISTICS T_A =25°C I_f =20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100 uA
AXIAL INTENSITY		10		mcd	I_f=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C

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	-40 TO +85	°C
LEAD SOLDERING TEMP 2.0mm FROM BODY	+260	°C 3 SEC. MAX

* t<10uS

UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

LUMEX OPTO COMPONENTS INC.
290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

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DATE: 8-8-97	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-5mm (T-1 3/4) LED, RED DIFFUSED

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