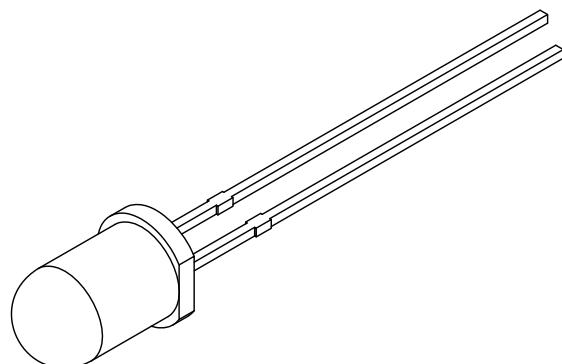
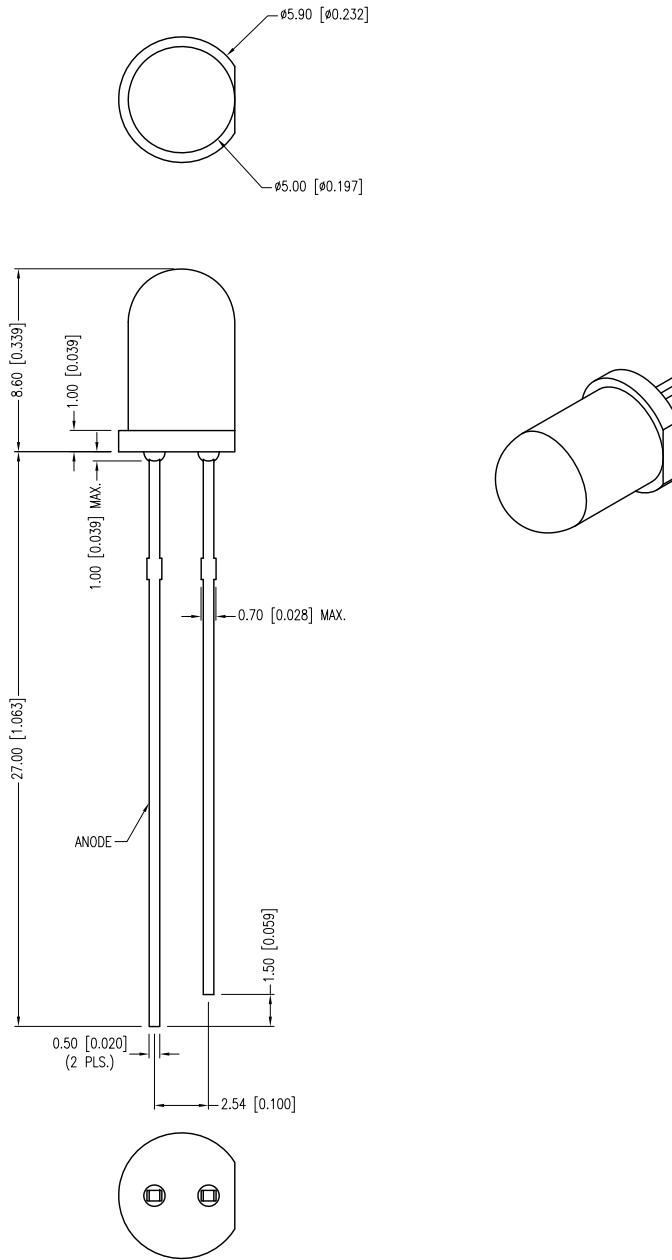


PART NUMBER	SSL-LX5093HD-12V	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
10.19.06	E.C.N. #11148.	A	
02.08.12	E.C.N. #10BRDR. & REDRAWN.		B



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=12\text{V}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		700		nm
FORWARD VOLTAGE			12.0	$I_f$
REVERSE VOLTAGE		5.0		$V_r$
AXIAL INTENSITY		3		$\text{mcd}$
VIEWING ANGLE		60		$2\pi \text{ theta}$
EMITTED COLOR:	RED			
EOPOXY LENS FINISH:	RED DIFFUSED			

LIMITS OF SAFE OPERATION AT $25^\circ\text{C}$		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^\circ\text{C}$	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE:  $X=\pm 1$  ( $\pm 0.039$ ),  $X.X=\pm 0.5$  ( $\pm 0.020$ ),  $X.XX=\pm 0.25$  ( $\pm 0.010$ ),  $X.XXX=\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN= $-\text{0.00}$  MAX= $+\text{0.00}$

UNCONTROLLED DOCUMENT



425 N. GARY AVE.  
CAROL STREAM, IL 60188-4900  
PHONE: +1.800.278.5666  
FAX: +1.630.315.2152  
WEB: WWW.LUMEX.COM  
MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-5mm (T-1 3/4) 700nm RED LED, RED DIFFUSED LENS, 12 VOLT OPERATION.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE:	02.08.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		NO

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