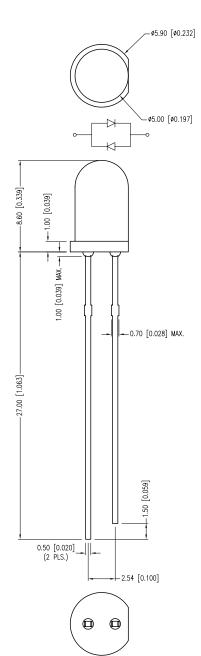
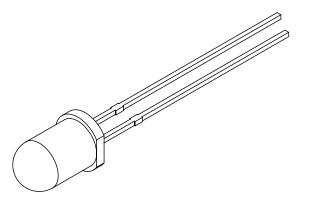
UNCONTROLLED DOCUMENT



Creating LED and LCD Solutions Together™



PART NUMBER	SSL-LX5093IID	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.10.95	REDRAWN, UPDATED SPECS.		Α
05.24.01	E.C.N. #10BRDR. & REDRAWN.		В
10.23.06	E.C.N. #11148.		С
02.13.12	E.C.N. #10BRDR & REDRAWN.		D

ELECTRO-OPTICAL	CHARACTERISTICS Ta=25	°C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
AXIAL INTENSITY		20		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH	H: 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	-1.6	mW/*C
OPERATING TEMP.	-40 TO +85	.c
STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+260	•C
2.0mm FROM BODY	3	SEC.

\* t<10µS

	*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5	$(\pm 0.020), \text{ X.XX} = \pm 0.25  (\pm 0.010), \text{ X.XXX} = \pm 0.127  (\pm 0.005). \text{ LEAD SIZE} = \pm 0.05  (\pm 0.002), \text{ LEAD LENGTH} = \pm 0.75  (\pm 0.030). \text{ MIN} = \begin{array}{c} +\text{DECIMAL PRECISION} \\ -0.00 \text{ MAX.} = \begin{array}{c} +0.00 \\ -\text{DECIMAL PRECISION} \end{array}$	UNCONTROLL	ED DOCUMENT
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PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM

290 E. HELEN ROAD

T-5mm (T-1 3/4) 635nm RED BIPOLAR LED, RED DIFFUSED LENS.

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

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DATE: 02.13.12		DRAWN BY:	AB
PAGE: 1	OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT: mm [INCH]		<b>P</b>	