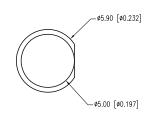
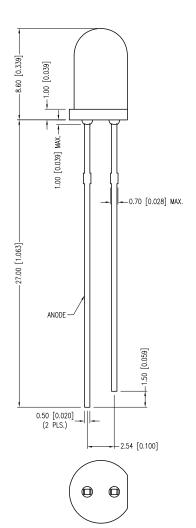
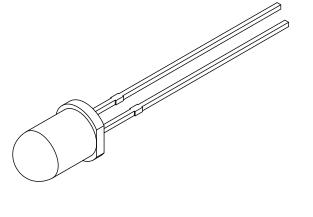
UNCONTROLLED DOCUMENT







PAI	RT NUMBER	SSL-LX5093SBC/A	REV.	D
	DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
	12.11.96	E.C.N. #10283.		Α
	05.31.01	E.C.N. #10BRDR. & REDRAWN.		В
	10.23.06	E.C.N. #11148.		С
	09.04.12	E.C.N. #10BRDR. & REDRAWN.		D

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 430 FORWARD VOLTAGE 4.5 5.5 Vf REVERSE VOLTAGE Vr Ir=100µA AXIAL INTENSITY 100 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: RLUE EPOXY LENS FINISH: WATER CLEAR

LIMITS OF SAFE OPERATION AT 25°C PARAMETER MAX UNITS PEAK FORWARD CURRENT* 100 mΑ STEADY CURRENT 30 mΑ POWER DISSIPATION 98 mW mW/*C DERATE FROM 25°C -1.0OPERATING TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 °C SOLDERING TEMP. +260 ·C 2.0mm FROM BODY SEC. * t<10µS

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-$ LINICONTROLLED DOCLIMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP QUASARBRITE T-5mm (T-1 3/4) 430nm BLUE LED, WATER CLEAR LENS.

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

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	SCALE:	NTS	APRVD BY:	KF		
	UNIT: mm [INCH]		Po			

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