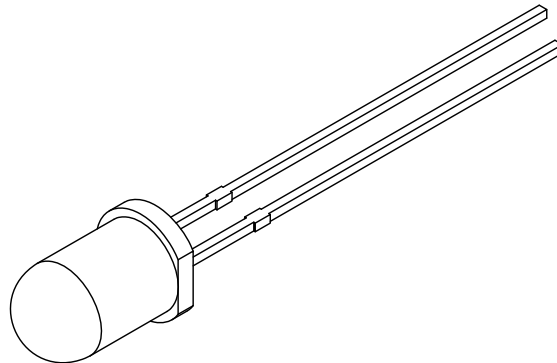
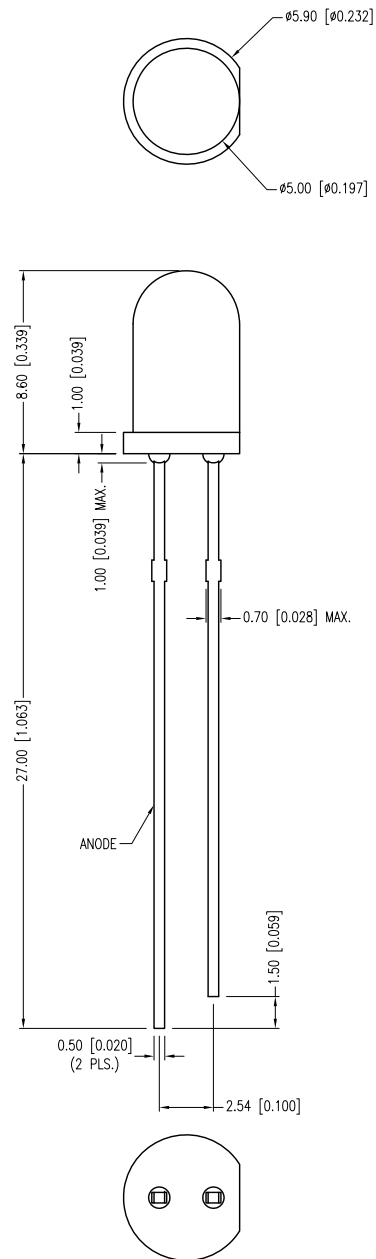




PART NUMBER	SSL-LX5093BSBD/A	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.11.96	E.C.N. #10283.		A
05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
10.18.06	E.C.N. #11148.		C
01.25.12	E.C.N. #10BRDR. & REDRAWN.		D

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		430		nm
FORWARD VOLTAGE		3.0	14.0	Vf
BLINKING FREQUENCY		3		Hz Vf=3.5, If=70mA
		1.5		Hz Vf=14, If=6mA
AXIAL INTENSITY		45		mcd Vf=9.0
VIEWING ANGLE		80		2x theta
EMITTED COLOR:	BLUE			
EPOXY LENS FINISH:	BLUE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	1.7-41	μA
STEADY CURRENT	310	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	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

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), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}_{-0.00} MAX= ^{+0.00}_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT



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QUASARBRITE T-5mm (T-1 3/4) 430nm SUPER BLUE, BLINKING LED, BLUE DIFFUSED LENS.

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

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DATE:	01.25.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ