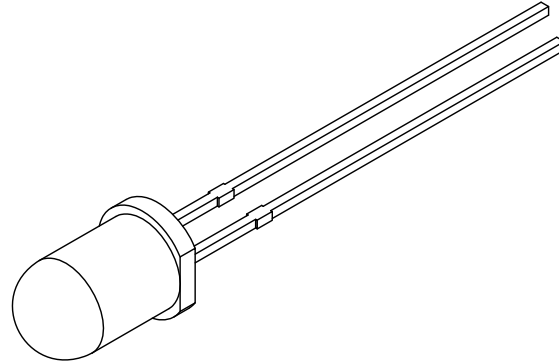
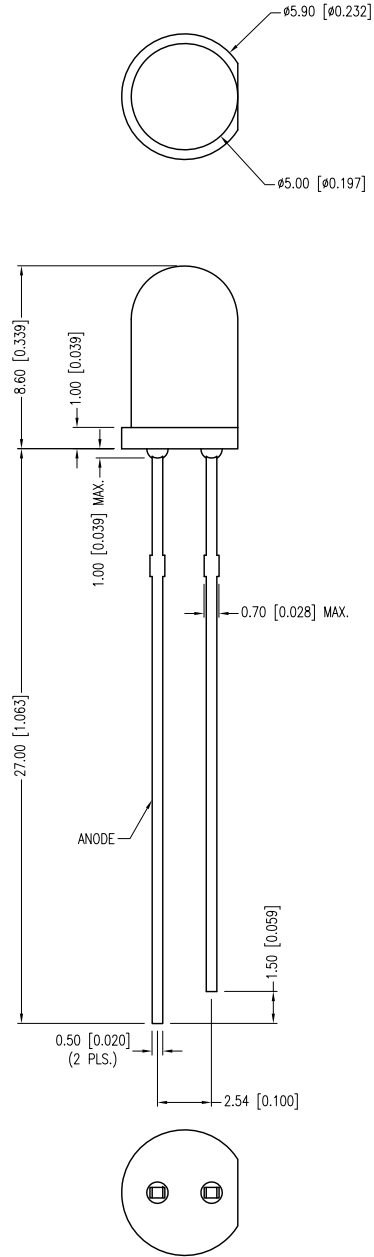


PART NUMBER	SSL-LX5093PC	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.04.12	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS  $T_a=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		-		nm	
FORWARD VOLTAGE		3.2	4.0	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10 $\mu$ A
AXIAL INTENSITY*	900	2200		mcd	If=20mA
CHROMATICITY (X)		0.33			
COORDINATES (Y)**		0.20			If=20mA
VIEWING ANGLE		20		2x theta	
EMITTED COLOR:	PINK				
LENS FINISH:	WATER CLEAR				

\*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.  
 \*\*THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	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.

\*DUTY 1/10 PULSE WIDTH 10ms

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= $\pm 1$  ( $\pm 0.039$ ), 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=  $\begin{matrix} +\text{DECIMAL} \\ -0.00 \end{matrix}$  PRECISION MAX.=  $\begin{matrix} +0.00 \\ -\text{DECIMAL} \end{matrix}$  PRECISION

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QUASARBRITE T-5mm (T-1 3/4) PINK LED, WATER CLEAR LENS.

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

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DATE:	09.04.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ