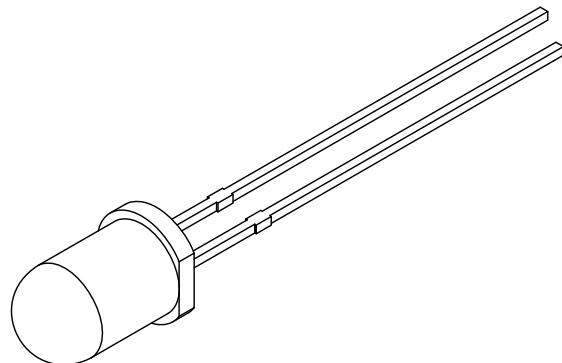
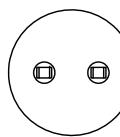
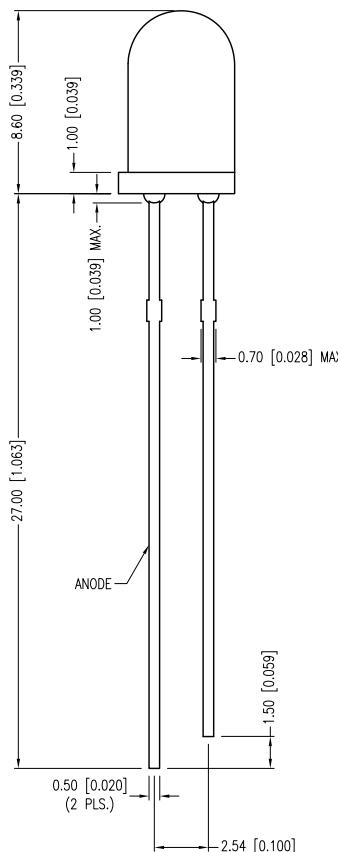
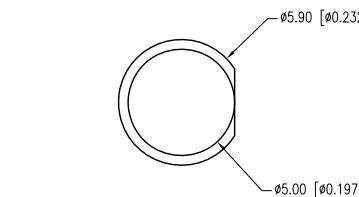


PART NUMBER	SSL-LX5093ID-5V			REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.	
06.10.94	REDRAWN.			A	
05.24.01	E.C.N. #10BRDR. & REDRAWN IN 3D.			B	
10.19.06	E.C.N. #11148.			C	
02.13.12	E.C.N. #10BRDR & REDRAWN.			D	



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=5\text{V}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		5.0	7.0	Vf	
REVERSE VOLTAGE		5.0		Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$I_f=5\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°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: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $-\text{0.00}$ MAX= $+\text{0.00}$

UNCONTROLLED DOCUMENT



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

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]	NO

Mouser Electronics

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