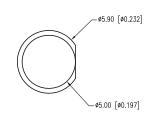
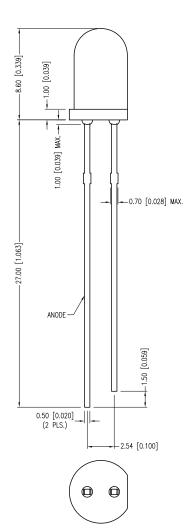
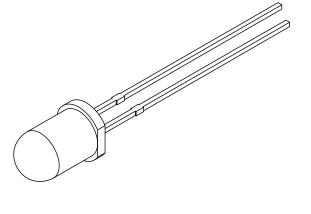
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093BHD REV.			
DATE	E.C.N. NUMBER AND REVISION COMMENTS			
05.13.93	REDRAWN.			
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		В	
10.17.06	E.C.N. #11148.		С	
01.25.12	E.C.N. #10BRDR. & REDRAWN.		D	

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		3.0	14.0	Vf	
BLINKING FREQUENCY		1.5		Hz	Vf=14.0, If=70mA
		2.5		Hz	Vf=3.0, If=6mA
AXIAL INTENSITY		5		mcd	Vf=9.0
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

EMMITO OF STATE OF ENGINEER THE ZOO		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	70	μA
STEADY CURRENT	20	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

*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 MAX.= +0.00 (±0.020), X.XX=±0.127 (±0.005).	PRECISION UNCONTROLLED DOCUMENT
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QUASARBRITE T-5mm (T-	1 3/4) BLINKING	700nm RED LED,	RED DIFFUSED LENS.
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THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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	DATE: 0	1.25.12	DRAWN BY:	AB	
	PAGE: 1	OF 1	CHKD BY:	SS	
	SCALE:	NTS	APRVD BY:	SS	
	UNIT: mm [INCH]		(Pb)		

Mouser Electronics

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Lumex:

SSL-LX5093BHD