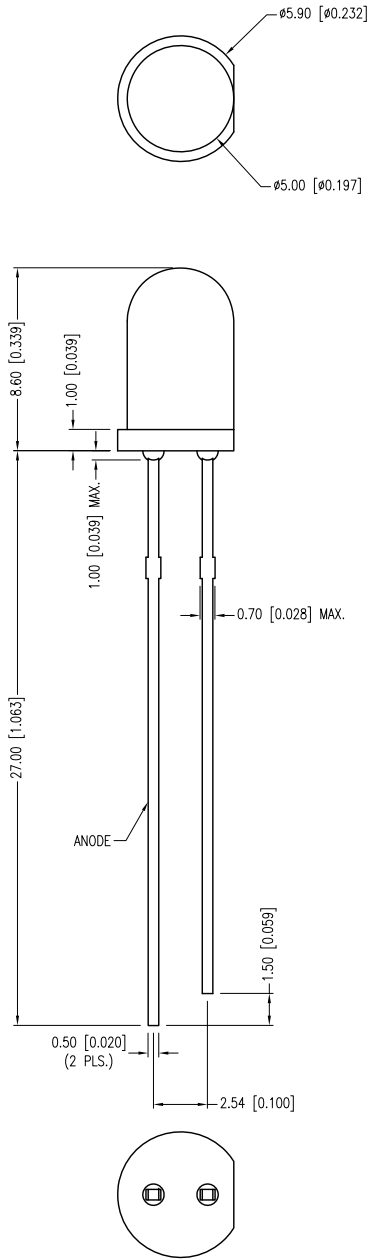


PART NUMBER	SSL-LX5093BGD	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.29.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
10.17.06	E.C.N. #11148.		B
01.25.12	E.C.N. #10BRDR. & REDRAWN.		C

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		565		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		20		mcd Vf=9.0
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	GREEN			
EPOXY LENS FINISH:	GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	70	mA
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 -DECIMAL PRECISION UNCONTROLLED DOCUMENT



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MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-5mm (T-1 3/4) BLINKING 565nm GREEN LED, GREEN DIFFUSED LENS.		DATE: 01.25.12	DRAWN BY: AB
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	CHKD BY: JD
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		UNIT: mm [INCH]	Ⓟ

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