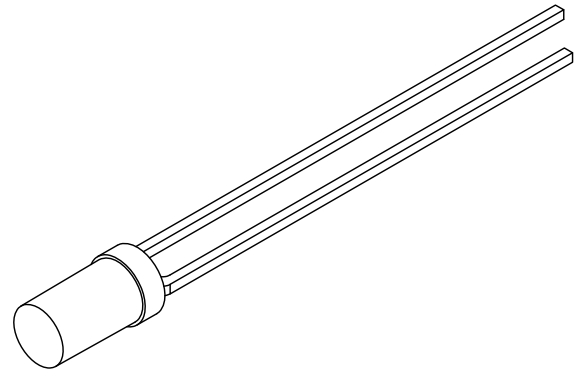
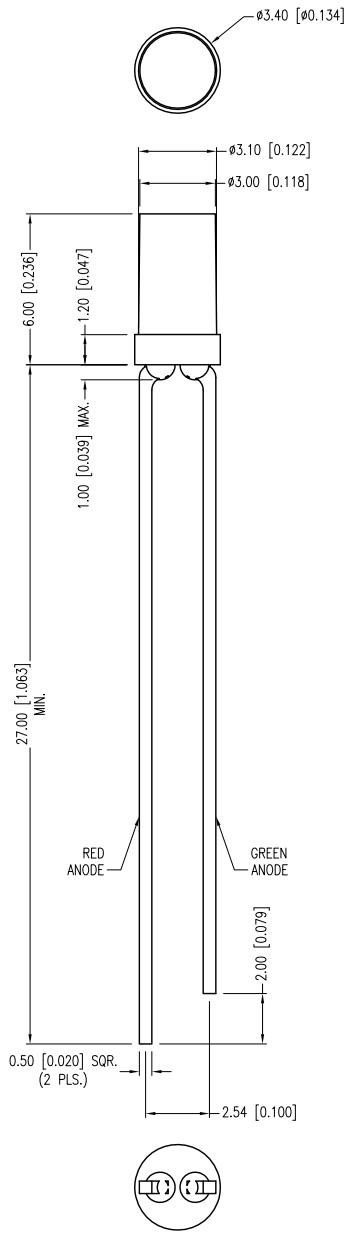


PART NUMBER	SSL-LX30FT14IGW	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
4.20.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
07.12.12	E.C.N. #10BRDR. & REDRAWN.		B



ELECTRO-OPTICAL CHARACTERISTICS T <sub>a</sub> =25°C I <sub>f</sub> =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		635/565		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY		5		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	RED/GREEN				
LENS FINISH:	MILKY WHITE TOP DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	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= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub> UNCONTROLLED DOCUMENT

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QUASAR BRITE T-3mm (T-1) FLAT TOP RED/GREEN BI-COLOR LED.

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

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DATE:	07.10.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ

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