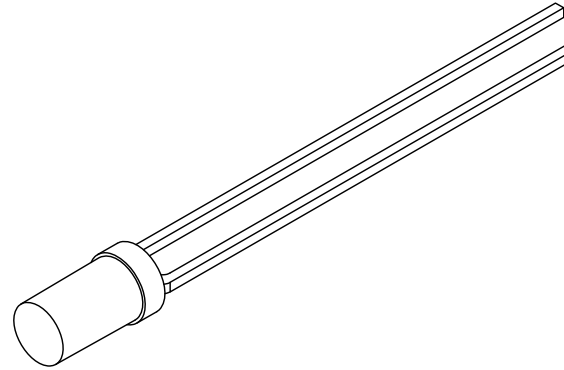
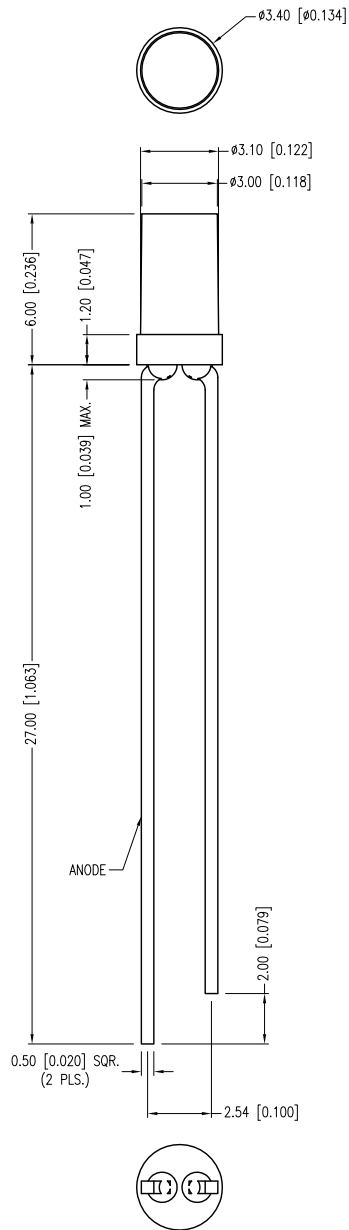


PART NUMBER	SSL-LX30FT14SID	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.12.12	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		636		nm
FORWARD VOLTAGE		2.0	2.5	Vf
REVERSE VOLTAGE	5.0			Vr If=100µA
AXIAL INTENSITY		100		mcd If=20mA
VIEWING ANGLE		100		2x theta
EMITTED COLOR:	RED			
LENS FINISH:	RED TOP DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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> -0.00 MAX.= <sup>+0.00</sup> -DECIMAL PRECISION UNCONTROLLED DOCUMENT

**LUMEX**  
 Creating LED and LCD Solutions Together™

290 E. HELEN ROAD  
 PALATINE, IL 60067-6976  
 PHONE: +1.847.359.2790  
 FAX: +1.847.359.6538  
 WEB: WWW.LUMEX.COM  
 MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-3mm (T-1) FLAT TOP SUPER INTENSITY RED 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]		Ⓟ