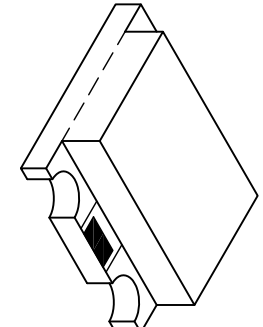
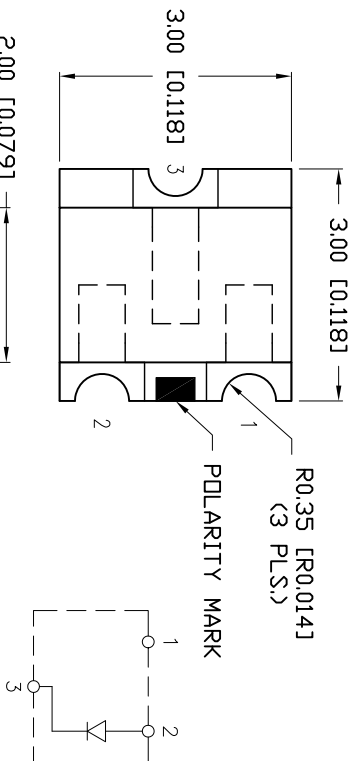
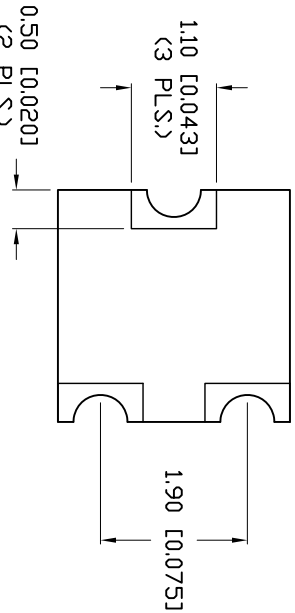
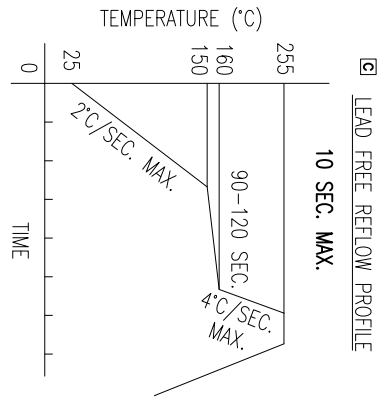


PART NUMBER	SML-LX15YC-TR	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.14.03	E.C.N. #10967.		A
07.03.03	E.C.N. #11010.		B
11.30.05	E.C.N. #11148.		C
11.28.06	E.C.N. #11361.		D
05.22.08	E.C.N. #11501.		E
03.04.14	E.C.N. #10BRDR. & REDRAWN.		F

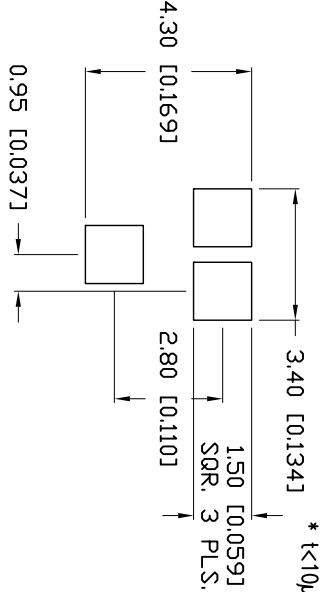
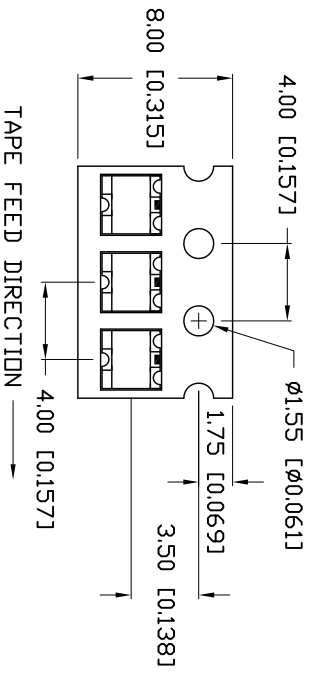


PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
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PEAK WAVELENGTH	585	2.8		nm	
FORWARD VOLTAGE		2.1		V _f	I _f =100μA
REVERSE VOLTAGE	5.0			V _r	I _f =20mA
AXIAL INTENSITY	10			mcd	
VIEWING ANGLE	140			2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				



TAPE SPEC. DETAIL



PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
RECOMMENDED PAD LAYOUT	-40 TO +85	°C
OPERATING, STORAGE TEMP.		

- NOTES:
1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

*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= -0.00 (DECIMAL PRECISION MAX.= +0.00 (DECIMAL PRECISION

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425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: +1(800)276-5666
FAX: +1(630)315-2152
WEB: WWW.LUMEX.COM
MEMBER OF ITW PHOTONICS GROUP

SOT-23 REPLACEMENT, SURFACE MOUNT LED, 565nm YELLOW LED, WATER CLEAR LENS, TAPE AND REEL.

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

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DATE:	03.04.14	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		