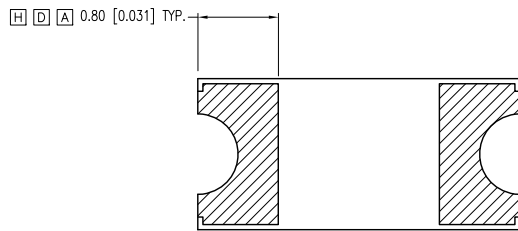
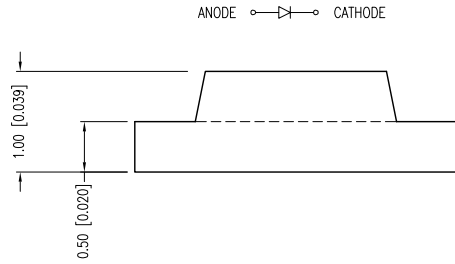
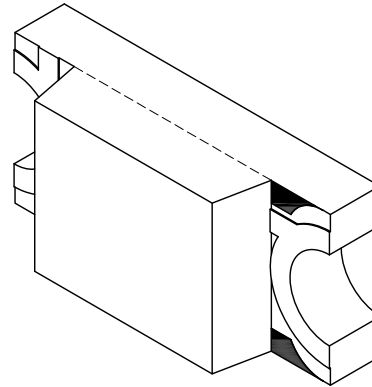
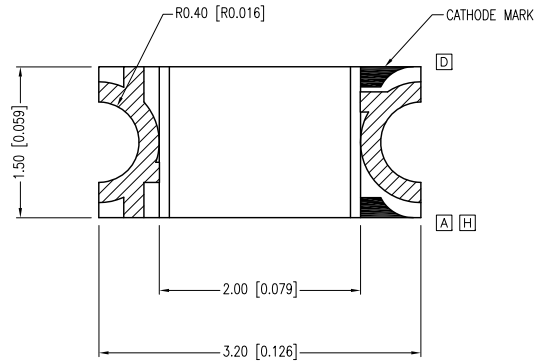
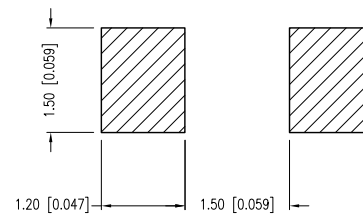


PART NUMBER	SML-LX1206UPGC-TR	REV.	I
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.03.01	E.C.N. #10814.		A
03.14.03	E.C.N. #10967.		B
01.20.05	E.C.N. #11148.		C
01.07.08	E.C.N. #11466.		D
03.09.09	E.C.N. #11508.		E
08.02.10	E.C.N. #11644.		F
04.20.11	E.C.N. #10BRDR & REDRAWN.		G
08.08.12	E.C.N. #11829.		H
02.05.13	E.C.N. #11853.		I



[H] [D] RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA		MIN	TYP	MAX	UNITS	TEST COND
PARAMETER						
PEAK WAVELENGTH			525		nm	
FORWARD VOLTAGE			3.5	4.0	Vf	
REVERSE VOLTAGE	5.0				Vr	If=100μA
AXIAL INTENSITY			40		mcd	If=20mA
VIEWING ANGLE			160		2x theta	
EMITTED COLOR:	GREEN					
LENS FINISH:	WATER CLEAR					

[F] LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	90	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μs

[E] [B]	CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2 STANDARDS
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*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} -0.00 MAX= ^{+0.00} -DECIMAL PRECISION

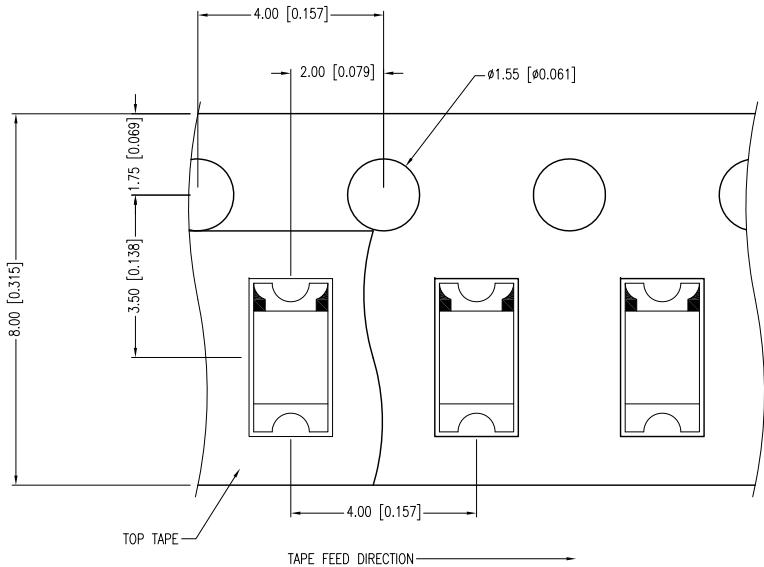
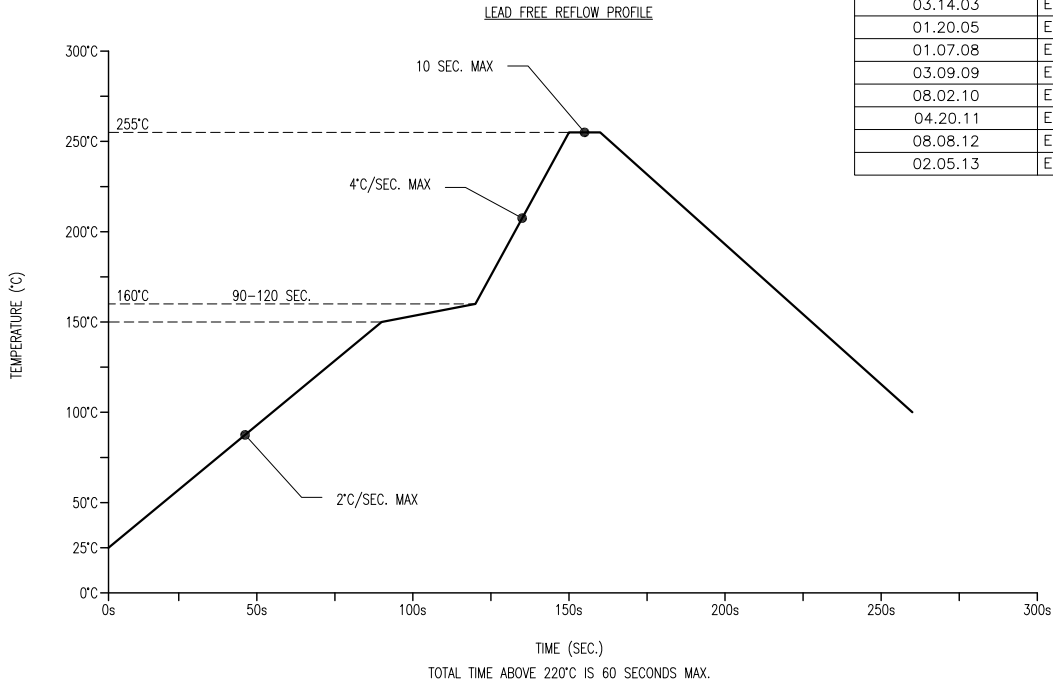
QUASARBRITE 3.2mm x 1.6mm PCB SURFACE MOUNT LED, 525nm GREEN, WATER CLEAR LENS, TAPE & REEL.

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

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DATE:	04.20.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(Pb)

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08.08.12	E.C.N. #11829.		H
02.05.13	E.C.N. #11853.		I



NOTES:

1. THE CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

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