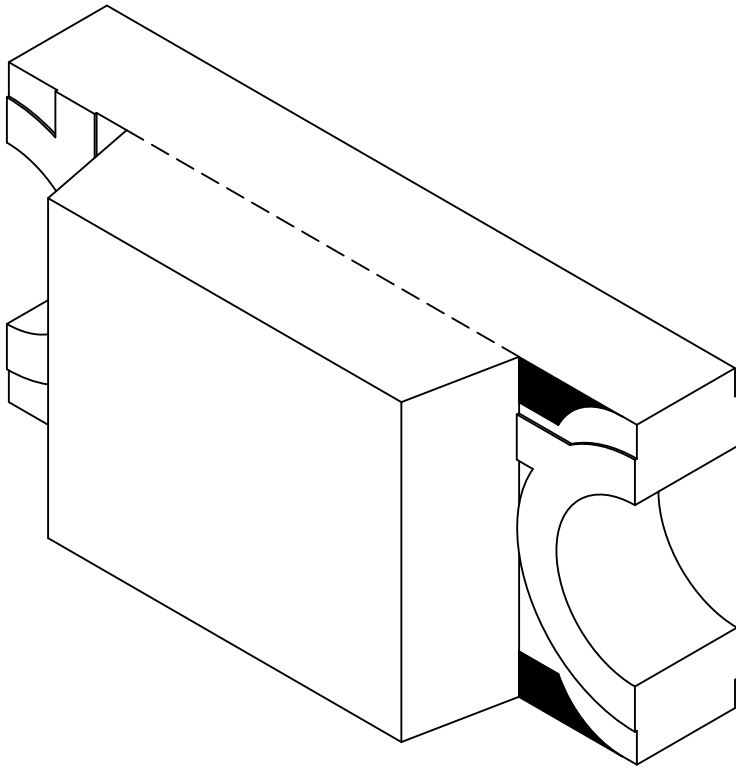


PART NUMBER	SML-LX1206SIC-TR	REV.	I
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.03.01	E.C.N. #10BRDR. & REDRAWN.		A
03.14.03	E.C.N. #10967.		BC
03.09.09	E.C.N. #11148.		D
01.07.08	E.C.N. #11644.		E
07.19.10	E.C.N. #11644.		F
04.20.11	E.C.N. #10BRDR. & REDRAWN.		G
08.07.12	E.C.N. #11829.		H
11.06.18	ECN-Lumex201800168		I

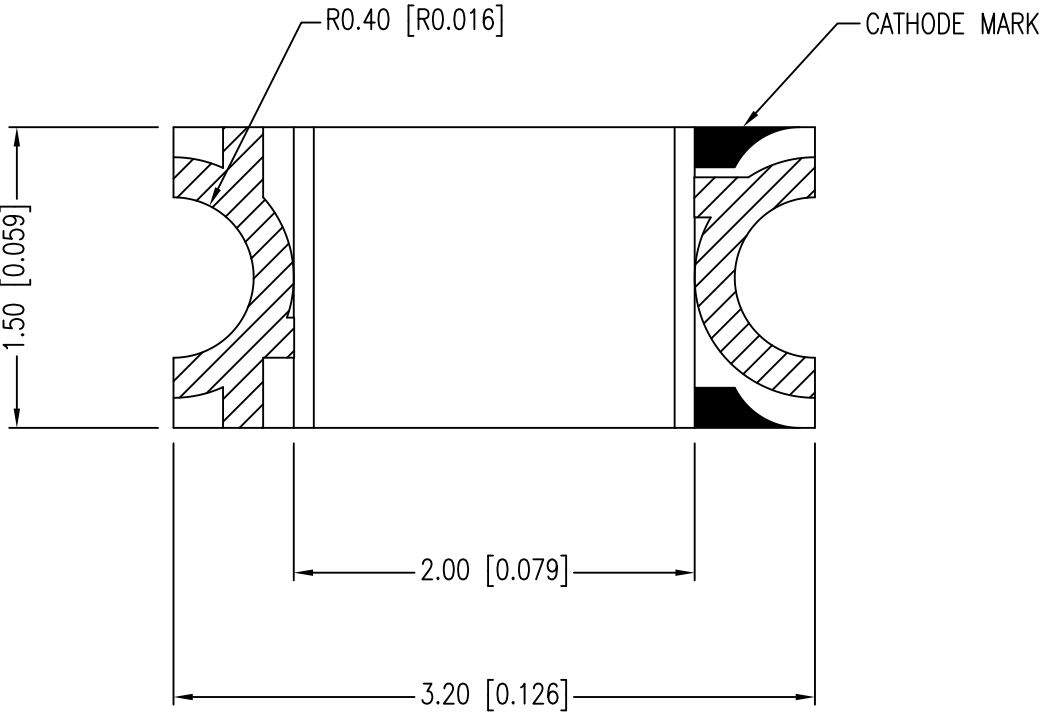


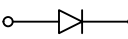
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		632		nm	
FORWARD VOLTAGE		2.0	2.4	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		54		mcd	If=20mA
VIEWING ANGLE		130		2x theta 1/2	
EMITTED COLOR:	RED				
LENS FINISH:	WATER CLEAR				

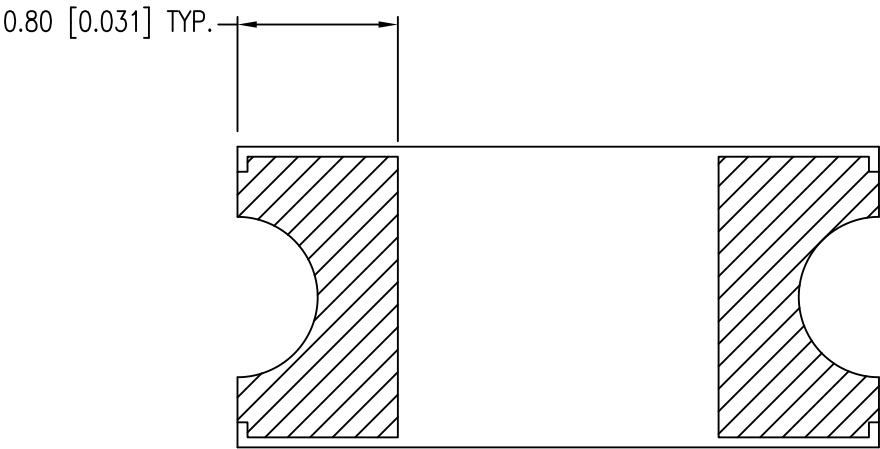
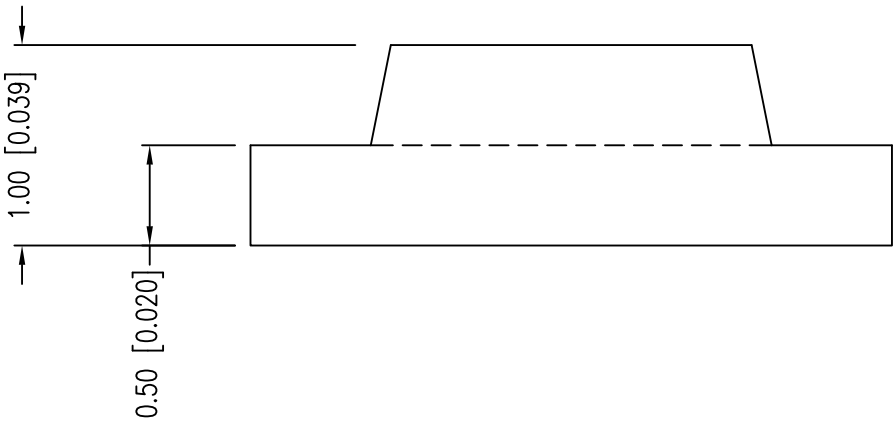
LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +90	°C

* t<10μS

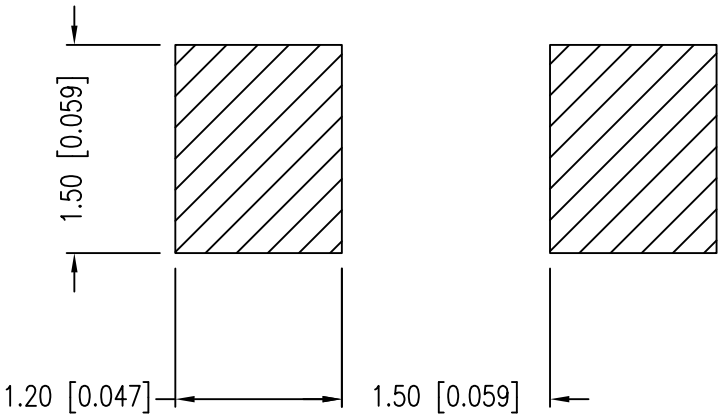
CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS



ANODE  CATHODE



RECOMMENDED SOLDER PAD LAYOUT



*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}/_{-0.00} DECIMAL PRECISION MAX= ^{+0.00}/_{-0.00} DECIMAL PRECISION UNCONTROLLED DOCUMENT



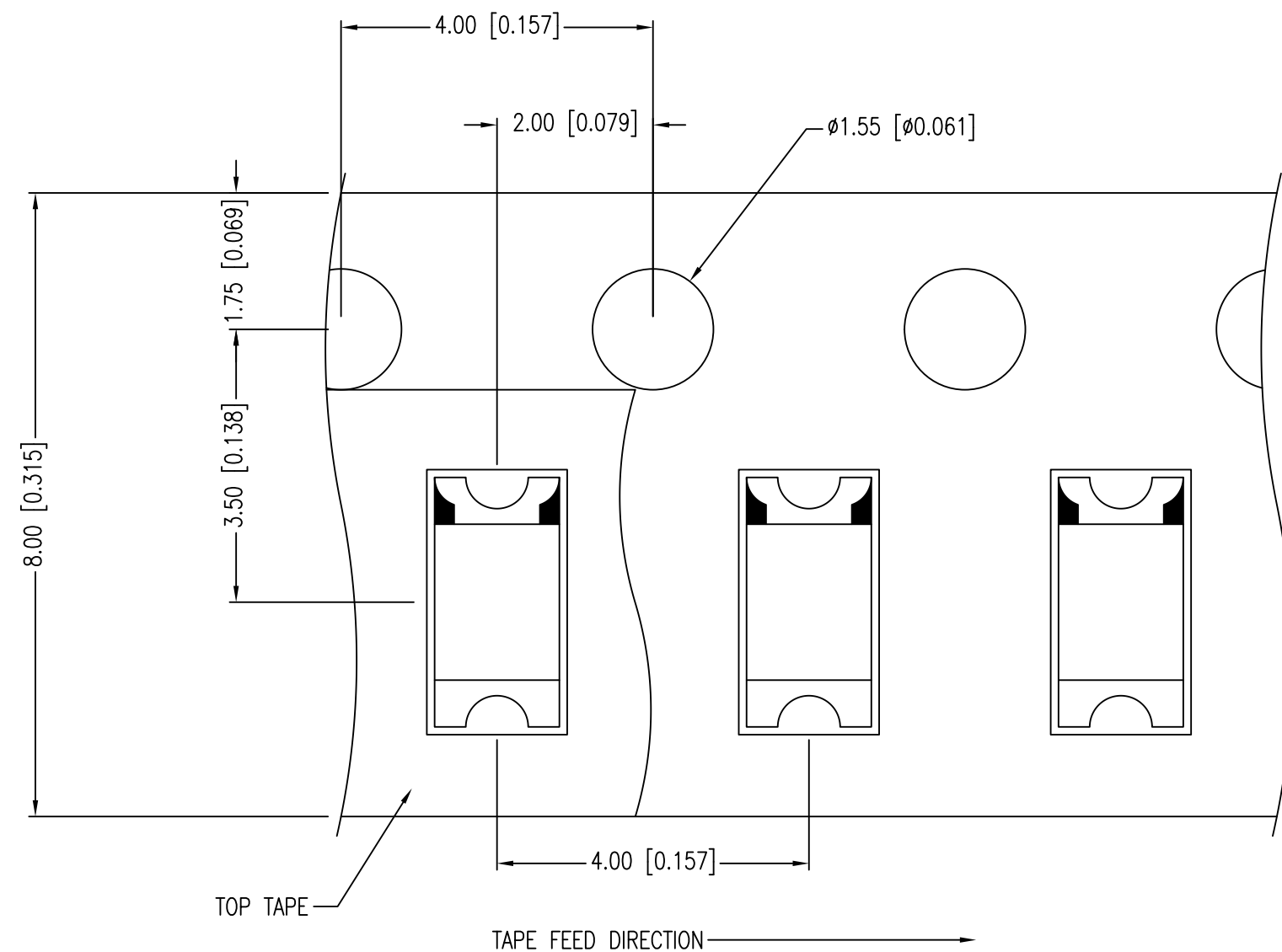
425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: 800-278-5666
FAX: 630-315-2152
WEB: WWW.LUMEX.COM

QUASARBRITE 3.2mm x 1.5mm PCB SURFACE MOUNT LED, 632nm RED, WATER CLEAR, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE:	11.06.18	DRAWN BY:	C.S.
PAGE:	1 OF 2	CHKD BY:	E.C.
SCALE:	NTS	APRVD BY:	G.Y.
UNIT:	mm [INCH]		



*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.= $\frac{+DECIMAL \text{ PRECISION}}{-0.00}$ MAX.= $\frac{+0.00}{-DECIMAL \text{ PRECISION}}$ UNCONTROLLED DOCUMENT

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