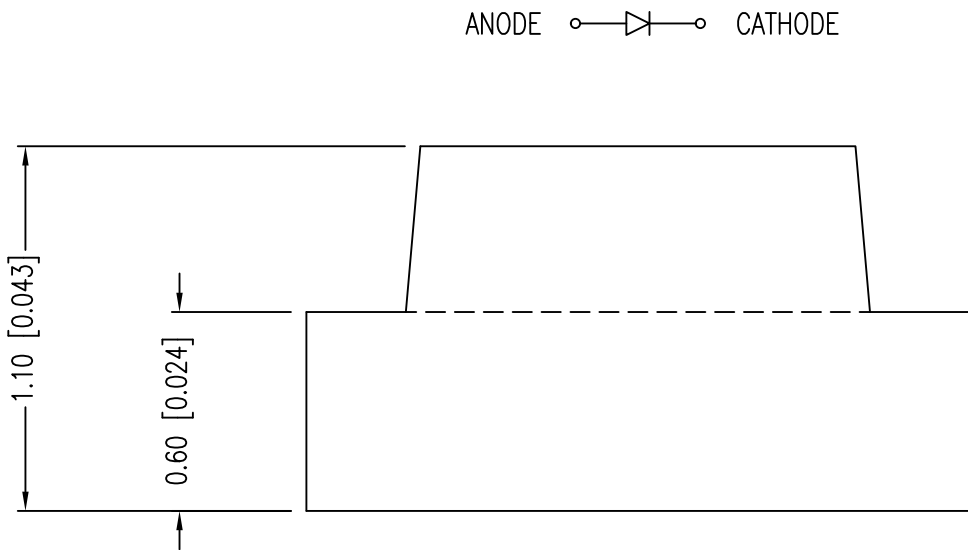
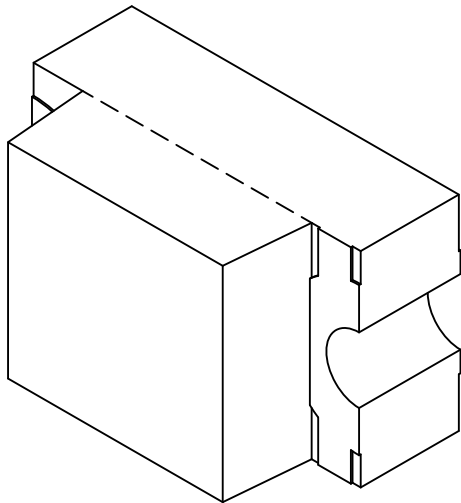
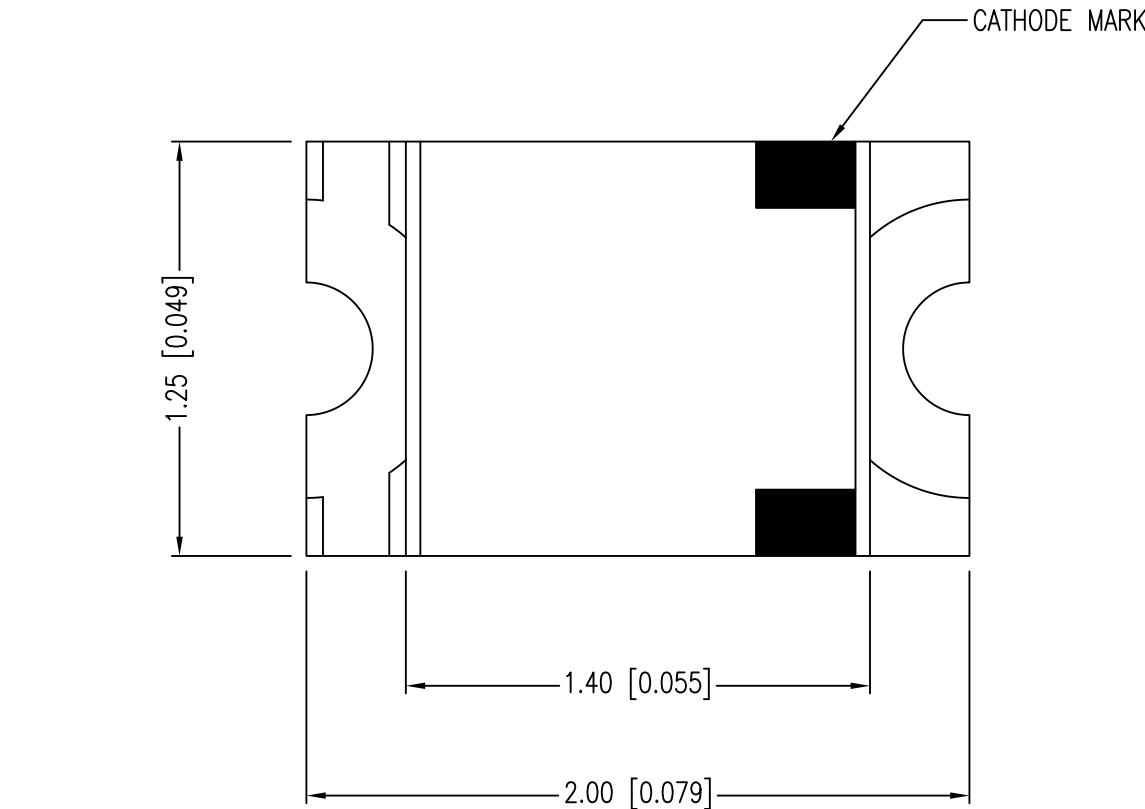
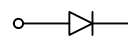
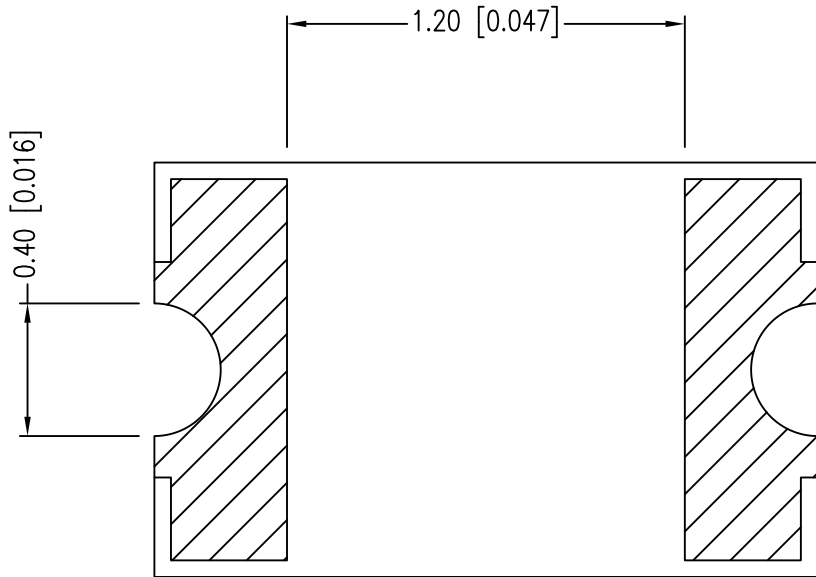


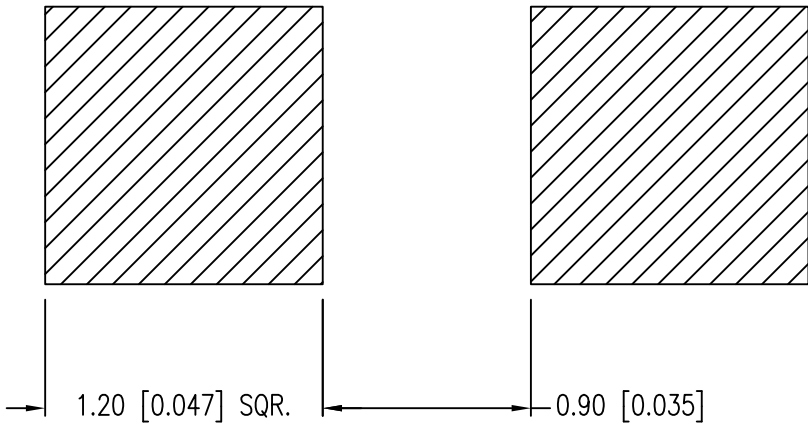
PART NUMBER	SML-LX0805UWC-TR	REV.	G
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.09.02	E.C.N. #10862.		A
03.14.03	E.C.N. #10967.		B
01.17.05	E.C.N. #11148.		C
03.06.09	E.C.N. #11508.		D
05.07.12	E.C.N. #10BRDR. & REDRAWN.		E
08.25.14	E.C.N. #11917.		F
11.06.18	ECN-Lumex201800168		G



ANODE  CATHODE



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=350mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE		2.9	3.6	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
AXIAL INTENSITY*	112		360	mcd	If=20mA
VIEWING ANGLE		120		2x theta 1/2	
EMITTED COLOR:	WHITE				
LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	IP	100	mA
STEADY CURRENT	If	25	mA
POWER DISSIPATION	Id	95	mW
OPERATING TEMP.	Topr	-40 TO +85	°C
STORAGE TEMP.	Sstg	-40 TO +90	°C

*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*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} UNCONTROLLED DOCUMENT



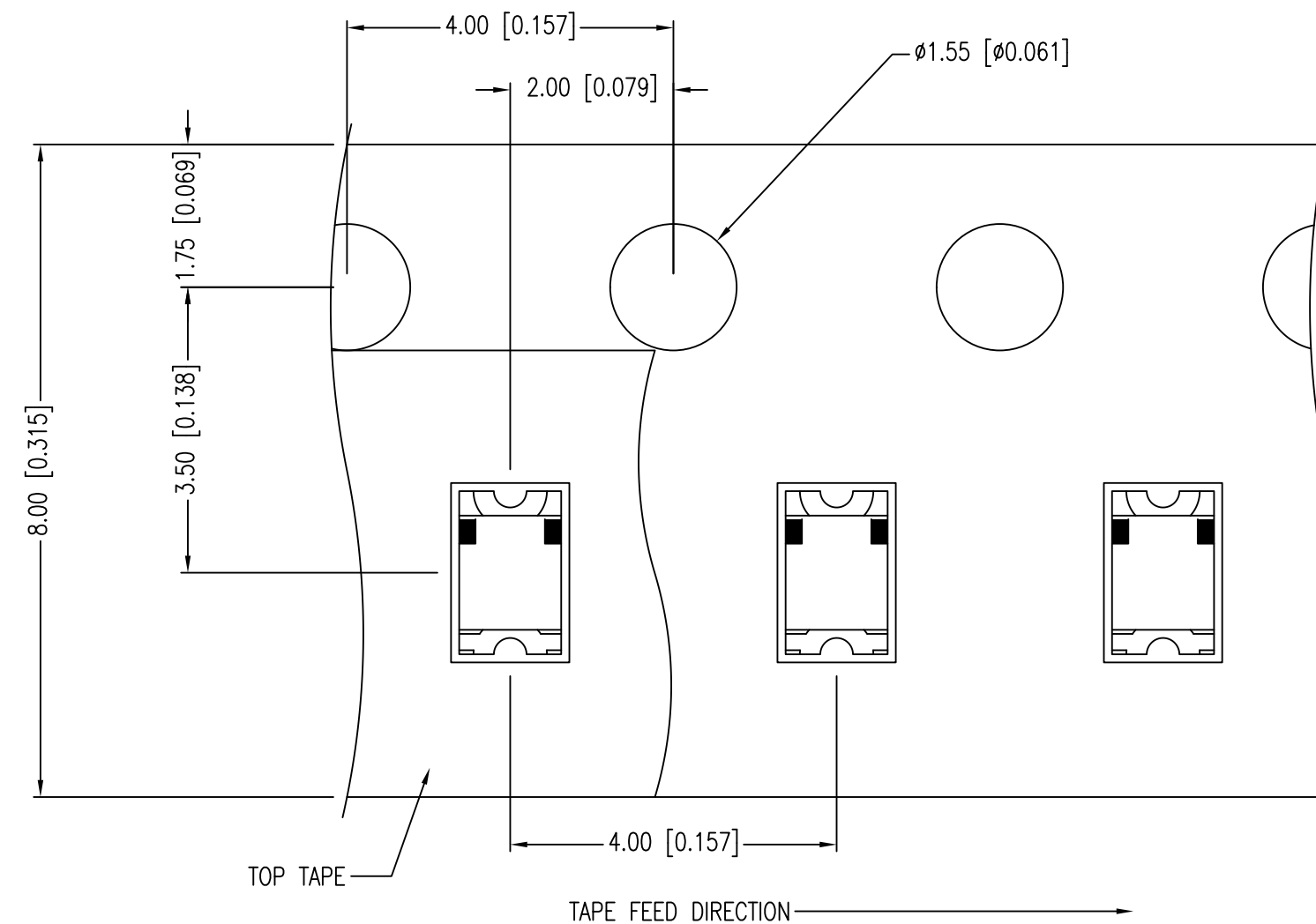
425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: 800-278-5666
FAX: 630-315-2152
WEB: WWW.LUMEX.COM

2.0mm x 1.25mm PCB SURFACE MOUNT, WHITE, YELLOW DIFFUSED, 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]	



1. POLARITY MARK IS ORIENTED TOWARDS TAPE SPROCKET HOLE.

UNCONTROLLED DOCUMENT



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PAGE:	2 OF 2	CHKD BY:	E.C.
SCALE:	NTS	APRVD BY:	G.Y.
UNIT:	mm [INCH]	(Pb)	

Mouser Electronics

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