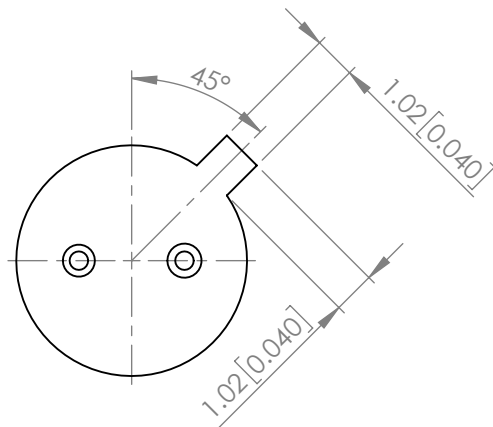
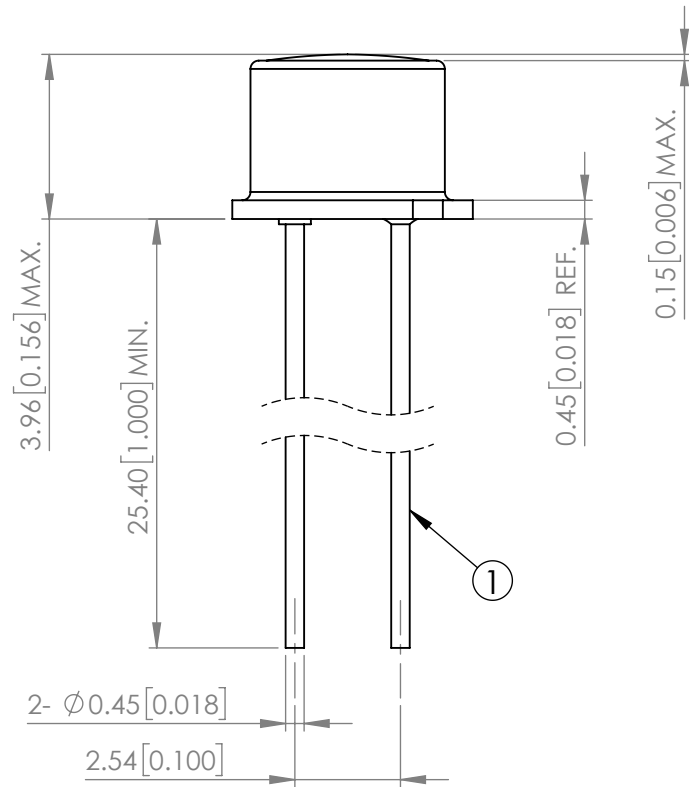
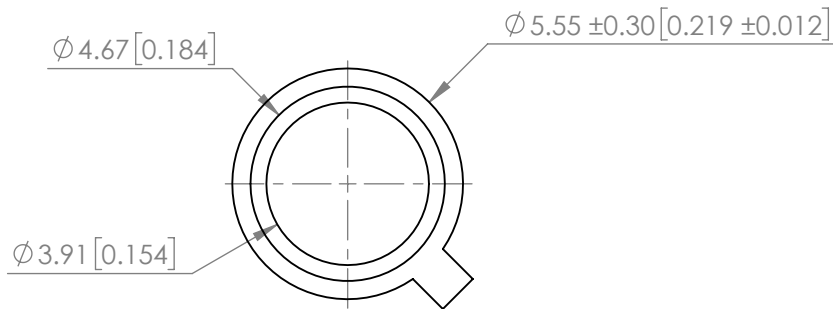
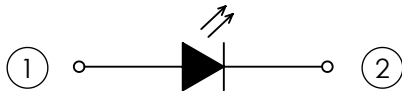


PART NUMBER		SSL-LXTO46UV2C	REV	D
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N. #11611.		01.11.10	
B	E.C.N. #10BRDR. & REDRAWN.		06.28.11	
C	E.C.N. #11755.		09.19.11	
D	ECN-Lumex201900100		07.29.19	



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	400	405	410	nm	If=20mA
FORWARD VOLTAGE	-	3.5	3.8	Vf	If=20mA
REVERSE CURRENT	-	-	1	uA	VR=5V
TOTAL POWER OUTPUT	3	4.5	-	mW	If=20mA
EMITTED COLOR	ULTRA VIOLET				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	76	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +100	°C

*t<10us

THERMAL PARAMETERS

PARAMETER	MAX	UNITS
MAXIMUM JUNCTION TEMPERATURE	125	°C
THERMAL RESISTANCE JUNCTION-AIR	400	°C/W
THERMAL RESISTANCE JUNCTION-CASE	138	°C/W

STATIC 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}



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

405nm UV LED, TO-46 CAN PACKAGE.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL
KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE : 2019.07.29	DRAWN BY : C.S.
PAGE : 1 OF 1	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Ⓢ