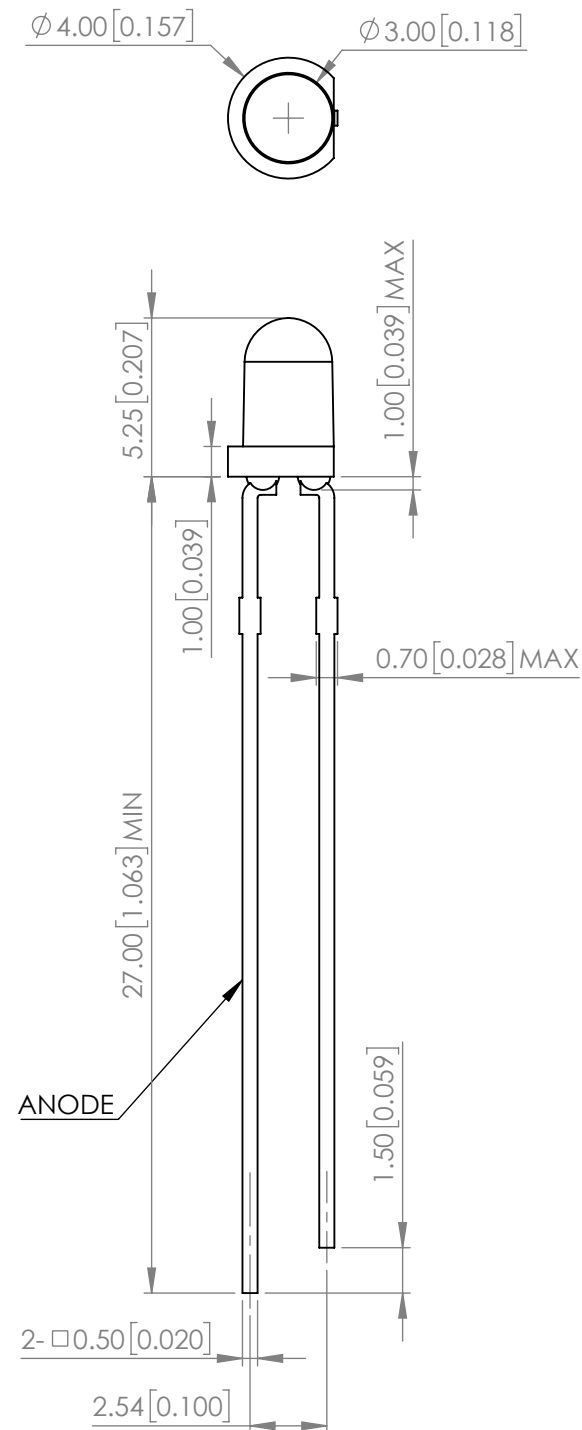


PART NUMBER		SSL-LX3054YD	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	REDRAWN		11.23.99	
B	E.C.N. #10BRDR. & REDRAWN IN 3D.		04.05.01	
C	E.C.N. #10BRDR. & REDRAWN.		09.17.12	
D	E.C.N. #11867		07.08.13	
E	ECN-Lumex202000024		04.10.20	

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	590	-	nm	If=10mA
FORWARD VOLTAGE	-	1.95	2.4	Vf	If=10mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	15	-	mcd	-
VIEWING ANGLE	-	60	-	2x theta _{1/2}	-
EMITTED COLOR	YELLOW				
EPOXY LENS FINISH	YELLOW DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
LEAD SOLDER TEMPERATURE**	3SEC MAX @260	°C

*T<10uS

**2mm FROM BODY

*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}

 LUMEX Creating LED and LCD Solutions Together™	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	QUASARBRITE, T-3mm(T-1), 590nm YELLOW LED, YELLOW DIFFUSED LENS.		DATE : 2020.04.10	DRAWN BY : E.C.
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.		PAGE : 1 OF 1	CHKD BY : E.C.
		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.		SCALE : NTF	APRVD BY : G.Y.
				UNIT : mm [INCH]	