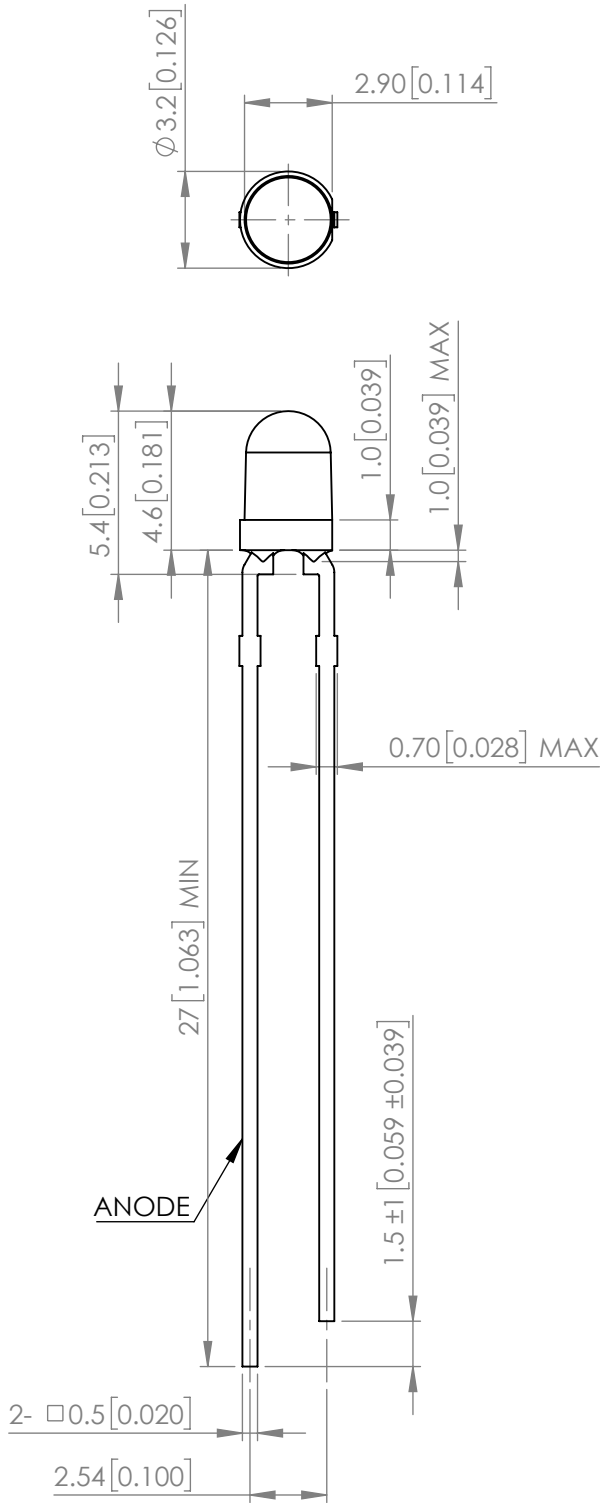


Technical drawing of a circular feature. The diameter is labeled as $\varnothing 3.2 [0.126]$. A horizontal dimension of $2.90 [0.114]$ is shown from the center to the right edge of a feature.

PART NUMBER		SSL-LX3044ID	REV	H
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	REMOVED FLAT EDGE FROM FLANGE			04.28.92
B	UPDATED SPECS			11.15.92
C	UPDATED VIEW ANGLE			01.20.95
D	UPDATED INTENSITY			02.21.95
E	E.C.N.#10BRDR. & REDRAWN IN 3D			04.11.01
F	E.C.N.#10BRDR. & REDRAWN/#11703			04.04.11
G	E.C.N.#11729			04.04.11
H	ECN-Lumex202000078			12.08.20



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAELENGHT	-	627	-	nm	If=20mA
FORWARD VOLTAGE	-	1.9	2.3	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	20	-	mcd	If=20mA
VIEWING ANGLE	-	50	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	°C

**t<10us
**2.0mm FROM BODY

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}

 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	3.2W*4.6H, T-3mm (T-1) 627nm RED LED, RED DIFFUSED LENS.	DATE : 2020.12.08	DRAWN BY : E.C.
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			SCALE : NTF	APRVD BY : G.Y.
			UNIT : mm [INCH]	

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