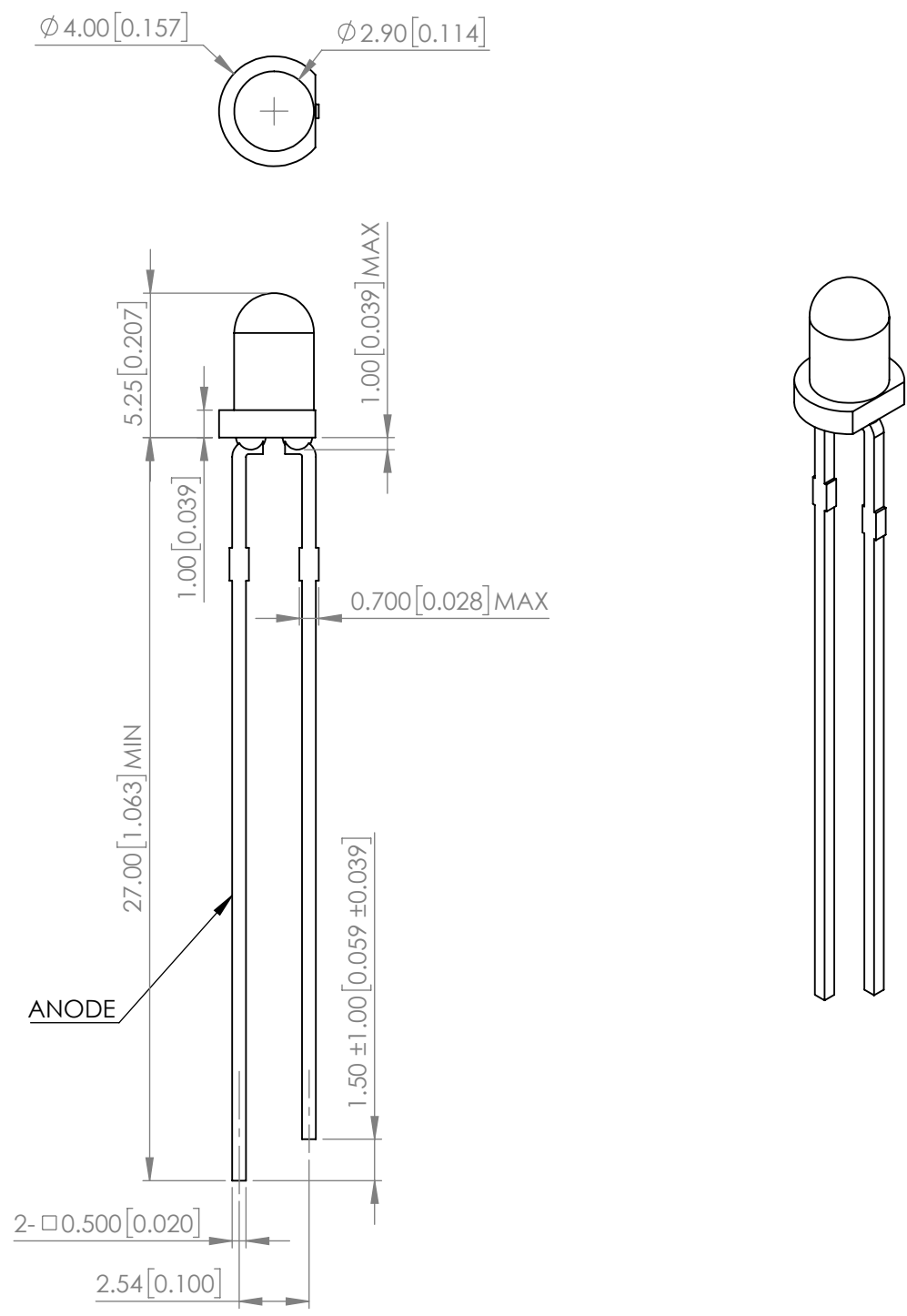


PART NUMBER		SSL-LX3054LYD	REV	C
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.			04.16.01
B	E.C.N. #11693			01.28.11
C	ECN-Lumex202300077			07.25.23



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	590	-	nm	If=2mA
FORWARD VOLTAGE	-	1.85	2.2	Vf	If=2mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	3	-	mcd	If=2mA
	-	30	-		If=20mA
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	70	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
LEAD SOLDER TEMPERATURE**	3SEC MAX @260	°C

*1/10 DUTY CYCLE, 0.1mS PULSE WIDTH

**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}