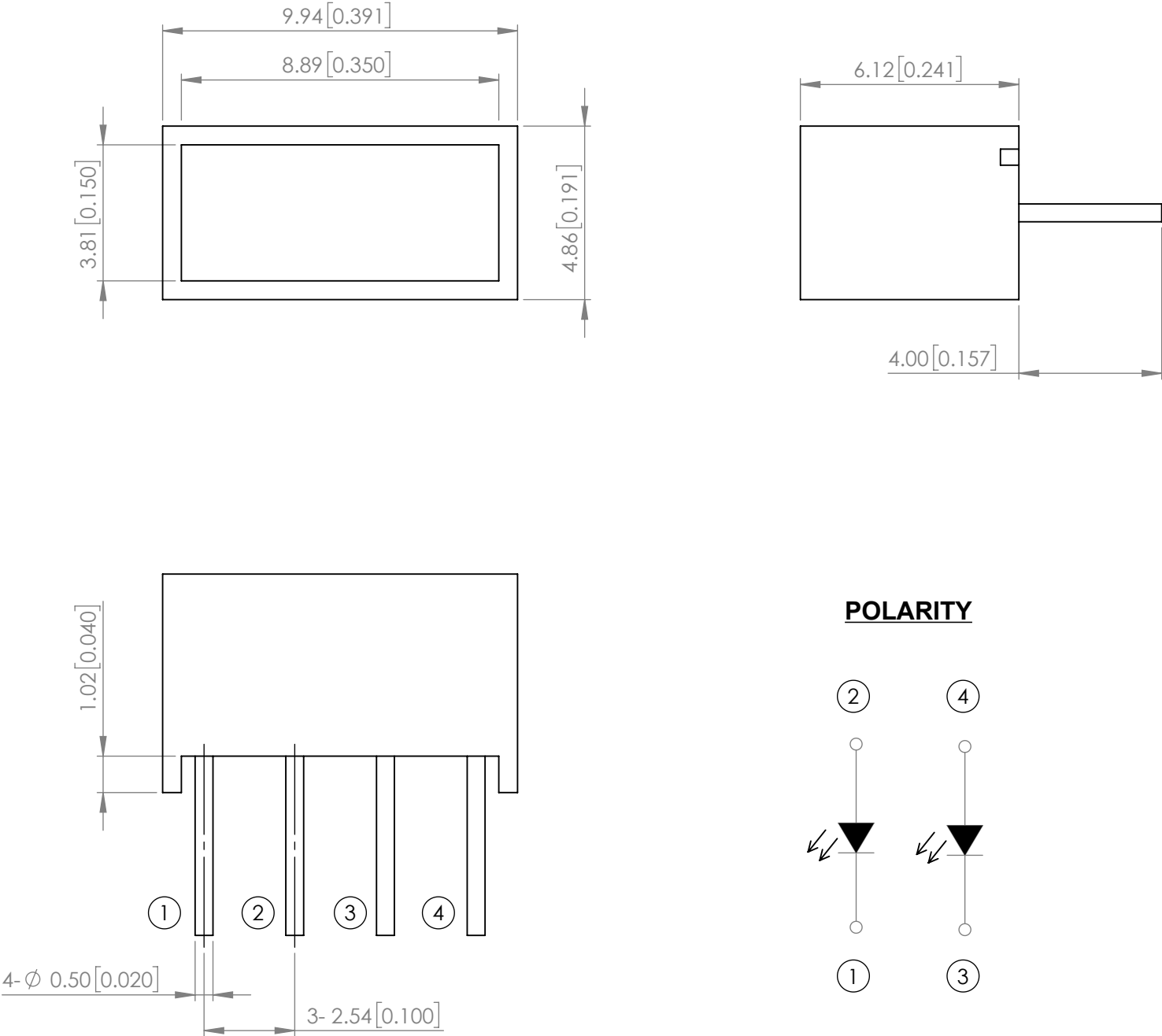


PART NUMBER		SSB-LX2300IW	REV	C
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10241./			09.27.96
B	E.C.N. #10BRDR./REDRAWN & ADDED TOL.			08.31.98
C	ECN-Lumex202000016			03.23.20



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	627	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.5	Vf	If=20mA
REVERSE VOLTAGE	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	10	-	mcd	-
VIEWING ANGLE	-	160	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	30	mA
POWER DISIPATION	75	mW
REVERSE VOLTAGE	5	V
STORAGE TEMPERATURE	-40 TO +85	℃
OPERATING TEMPERATURE	-40 TO +85	℃
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	℃

*t<10us
** 2.0mm 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}

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	8.89(L)*3.81(H) VIEWNG AREA LIGHT BAR, 2-627nm RED LEDS, MILKY WHITE DIFFUESD EPOXY.		DATE : 2020.03.23	DRAWN BY : E.C.
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.		PAGE : 1 OF 1	CHKD BY : E.C.
		CONFIDENTIAL INFORMATION		SCALE : NTF	APRVD BY : G.Y.
		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.		UNIT : mm [INCH]	