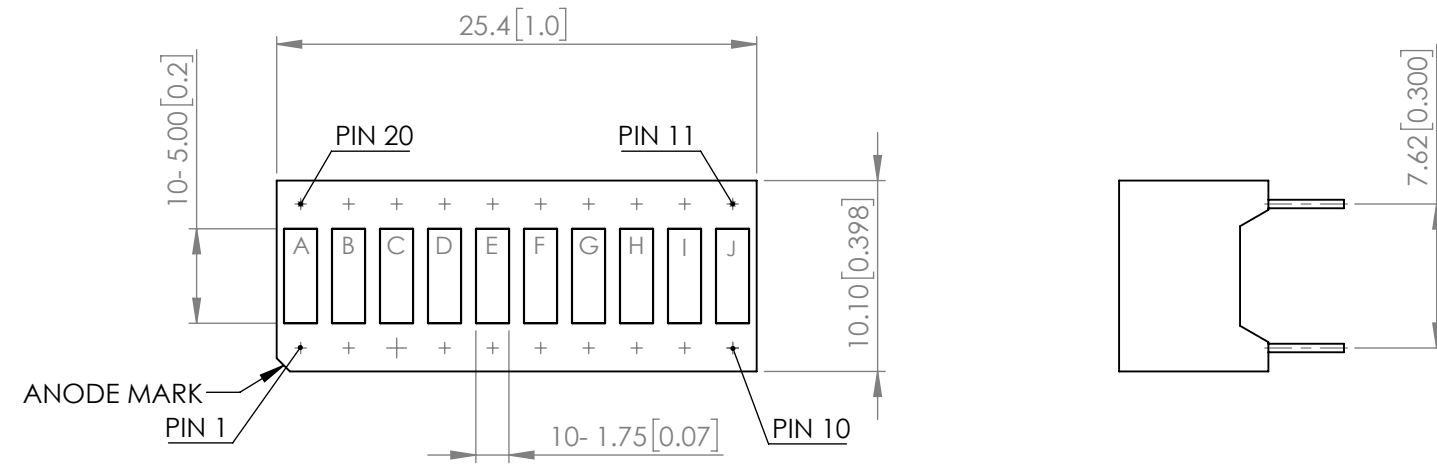


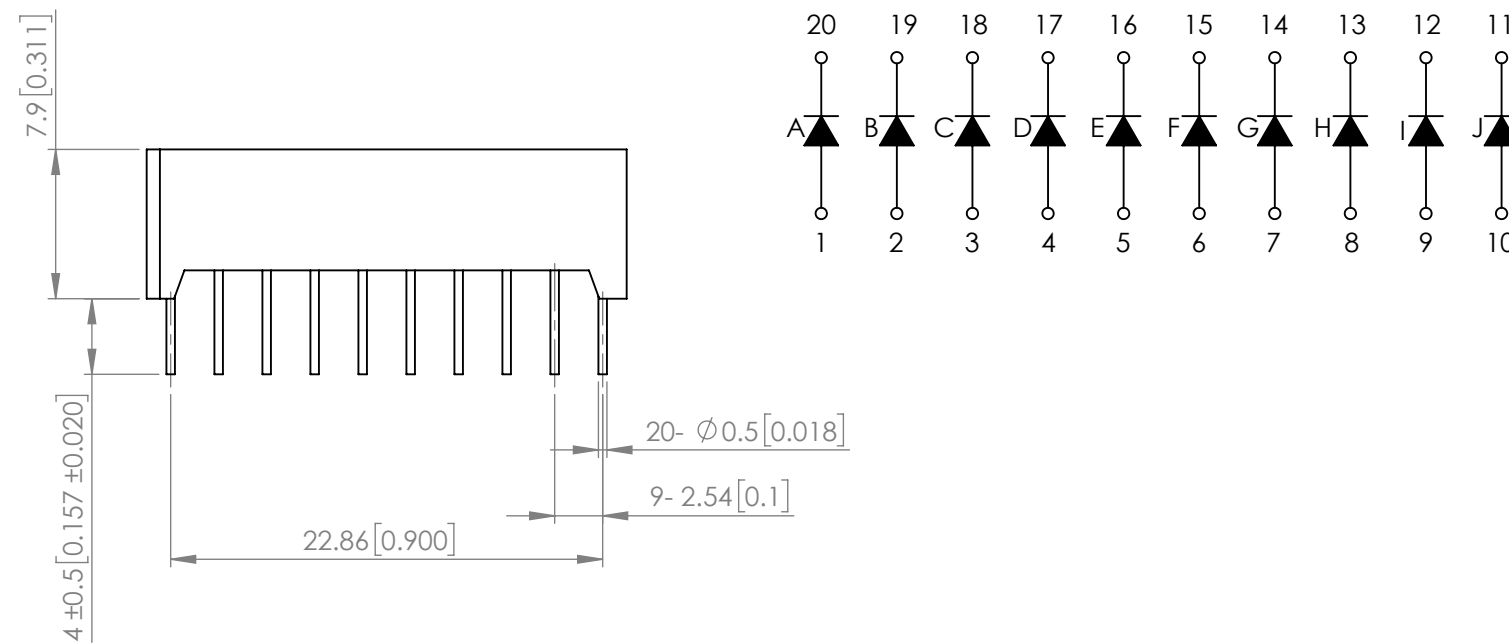
PART NUMBER		SSA-LXB10SUGW	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex201700035			07.21.17



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER BAR

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAELENGHT	-	574	-	nm	-
FORWARD VOLTAGE	-	2.2	2.6	Vf	-
REVERSE VOLTAGE	-	-	5	Vr	Ir=100uA
LUMINOUS INTENSITY	-	40	-	mcd	If=20mA
VIEWING ANGLE	-	160	-	2x theta 1/2	If=20mA
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				
FACE COLOR	BLACK				

POLARITY




ABSOLUTE MAXIMUM RATINGS TA=25°C PER BAR

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
FORWARD CURRENT	25	mA
POWER DISSIPATION	105	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX @ 260	°C

*t<10us

**AT 2.0mm DISTANCE FROM THE CASE OF REFLECTOR EDGE.

*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}

 <p>425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM</p>	10.1(L)*25.4(W)*7.9(H)mm,10 SEGMENT RECTANGULAR BAR GRAPH , AllnGaP GREEN CHIPS, MILKY WHITE DIFFUSED	DATE : 2017.07.21	DRAWN BY : C.C.	
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.	PAGE : 1 OF 1	CHKD BY : G.Y.	
	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 : E.C.	
		UNIT : mm [INCH]		

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