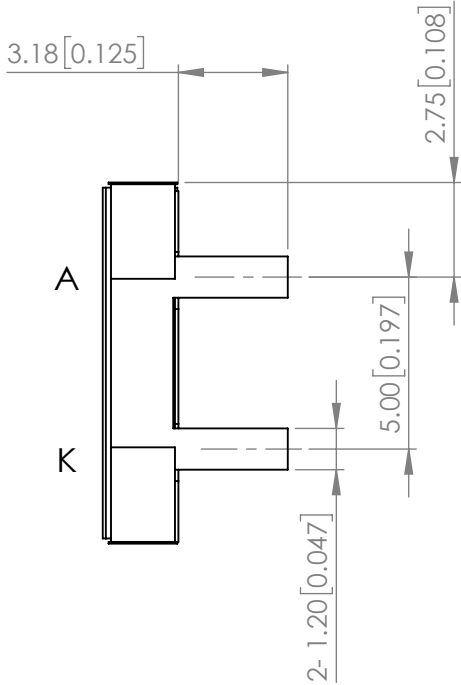
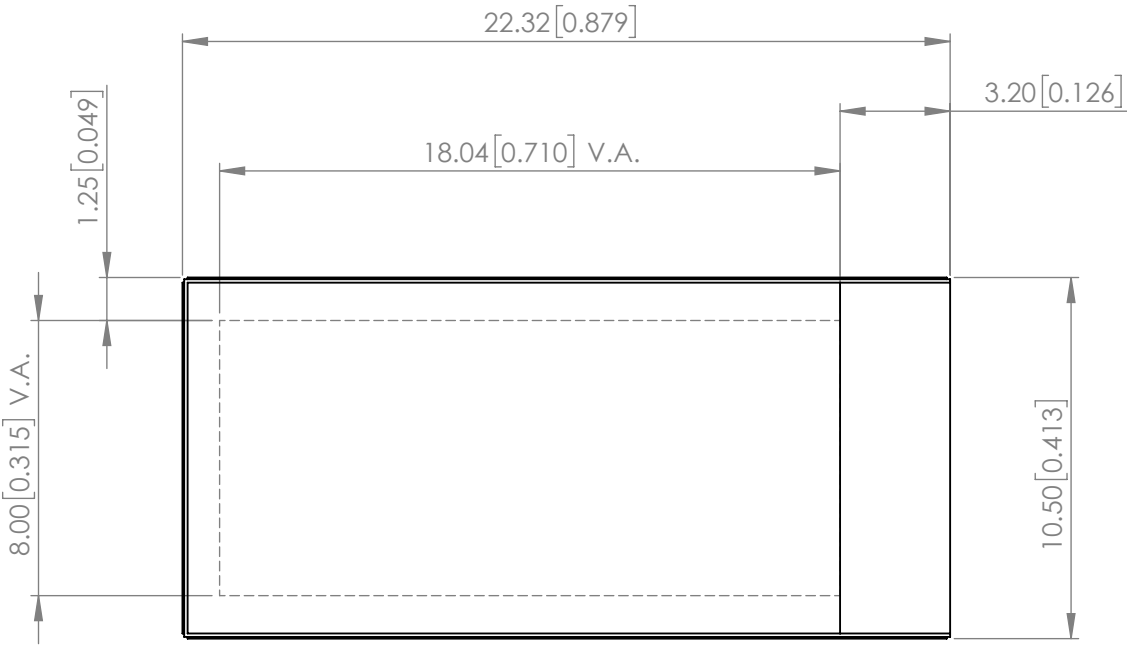


PART NUMBER		SSB-CEL187USBW	REV	B
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #11655			08.05.10
B	ECN-Lumex201900114			08.13.19



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

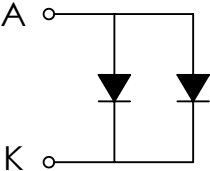
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	470	-	nm	-
FORWARD VOLTAGE	-	3.2	3.5	Vf	-
REVERSE CURRENT	-	-	0.4	mA	VR=5V
LUMINOUS INTENSITY	-	500	-	cd/m ²	-
EMITTED COLOR	BLUE				
SEGMENT COLOR	CLEAR WITH WHITE DIFFUSER				

ABSOLUTE MAXIMUM RATINGS TA=25°C

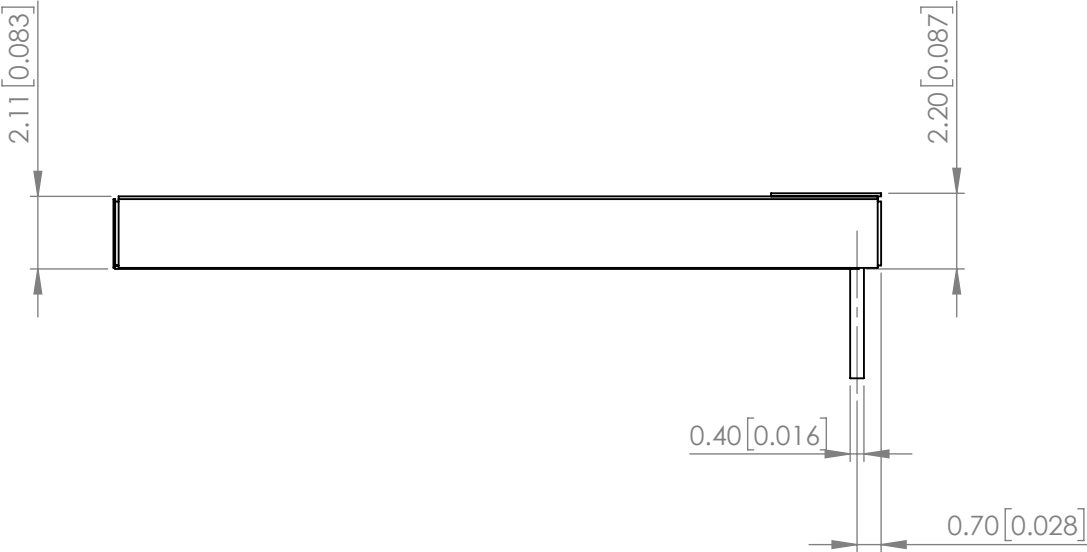
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	105	mW
STORAGE TEMPERATURE	-30 TO +80	°C
OPERATING TEMPERATURE	-20 TO +70	°C

* t<10us

CIRCUIT DIAGRAM



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}



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CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
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18.04mm x 8.0mm V.A. CUSTOM LED BACKLIGHT 2 SHIPS, 470nm BLUE

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2019.08.13

DRAWN BY : C.S.

PAGE : 1 OF 1

CHKD BY : E.C.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

