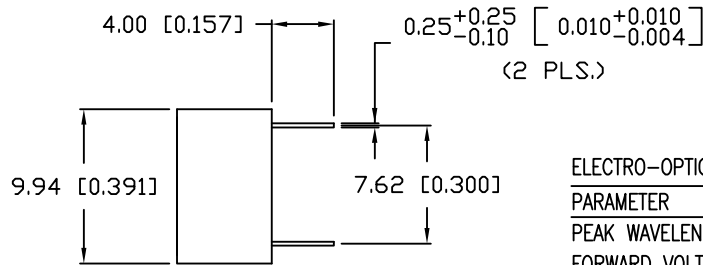
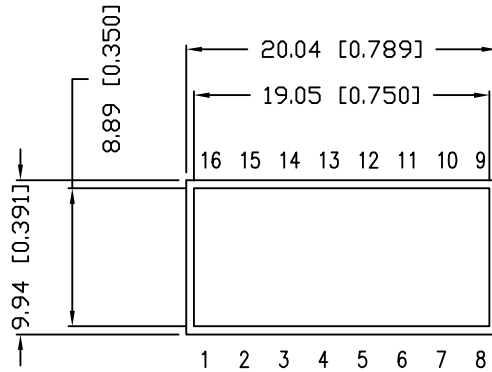
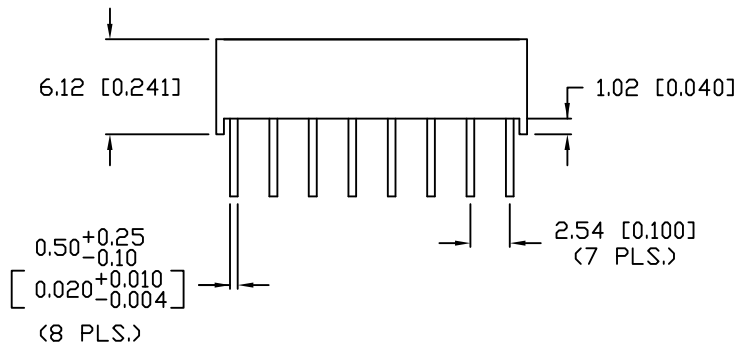


PART NUMBER	SSB-LX2785SYD	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
04.18.16	ECN-Lumex201600001	A	



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=10\mu\text{A}$
AXIAL INTENSITY	80	190		mcd	$I_f=20\text{mA}$
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WHITE DIFFUSED				

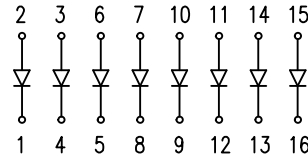
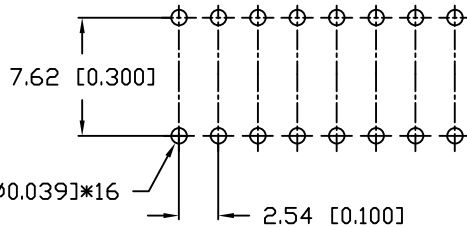


LIMITS OF SAFE OPERATION AT 25°C PER DIE



PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	175	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	- 0.5	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY	3 SEC. MAX	

* $t < 10\mu\text{S}$

Recommended PCB Layout



*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 MAX.= +0.00 -DECIMAL PRECISION

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2152 WEB: WWW.LUMEX.COM	19.05mm x 8.89mm LIGHT BAR, WHITE DIFFUSED.		DATE: 04.18.16	DRAWN BY: Sam
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	CHKD BY: Ray
		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:	APRVD BY: G.Y.
				UNIT: mm [INCH]	

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