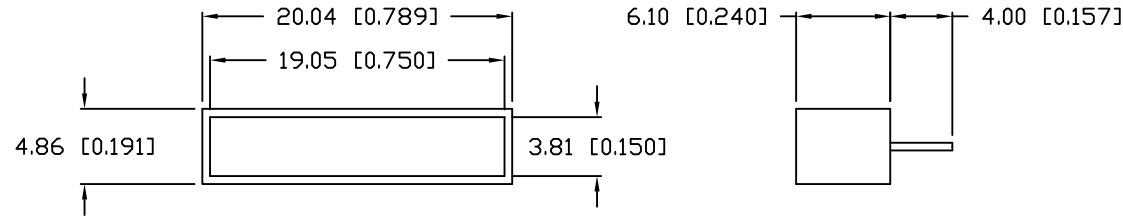
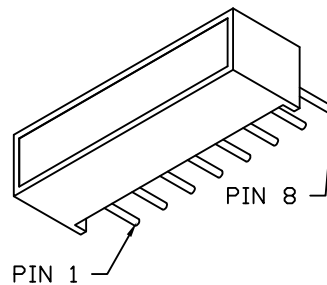
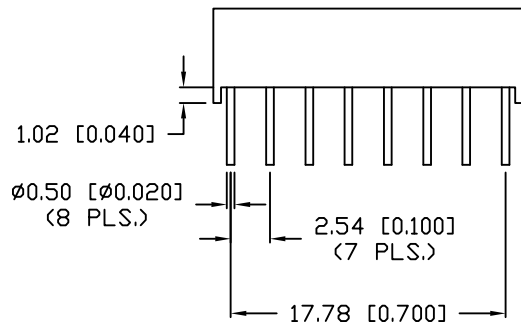


PART NUMBER		REV.
SSB-LX2550GD		A
DATE	E.C.N NUMBER AND REVISION COMMENTS	REV.
09.02.16	ECN-Lumex201600059	A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$

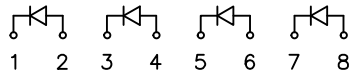
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE			5.0	V_r	$I_f=100\mu\text{A}$
LUMINOUS INTENSITY		50		mcd	$I_f=20\text{MA}$
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
FORWARD CURRENT	20	mA
OPERATING, STORAGE TEMP.	- 40 TO + 85	$^{\circ}\text{C}$
SOLDERING TEMP.*	MAX. 3SEC.@260	$^{\circ}\text{C}$

* 2mm BELOW PACKAGE BASE



*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

REV. A	PART NUMBER SSB-LX2550GD	<p>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.</p> <p>RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.</p>		<p>425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2152 WEB: WWW.LUMEX.COM</p>	
5mm x 20mm 4 CHIP LIGHT BAR, 565nm GREEN CHIPS, GREEN DIFFUSED.		DRAWN BY: K.Y.	CHECKED BY: G.Y.	APPROVED BY: R.C.	DATE: 09.02.16 PAGE: 1 OF 1 SCALE: N/A