



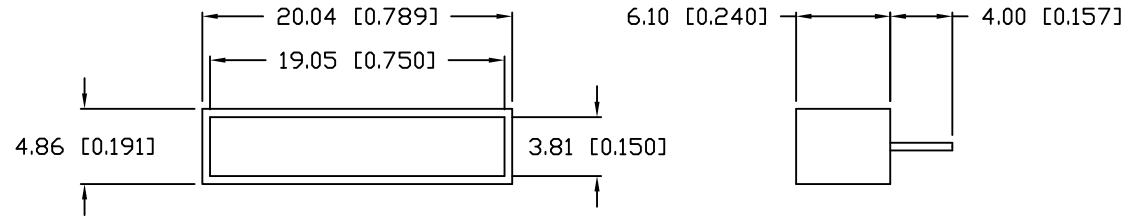
# THE DATASHEET OF SSB-LX2550GD



PART NUMBER  
SSB-LX2550GD

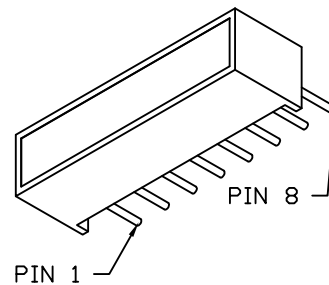
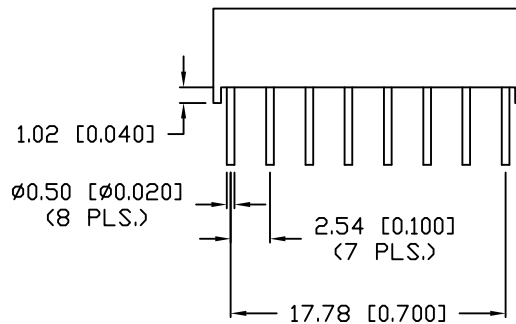
REV.  
A

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



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

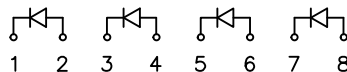
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	$V_f$	
REVERSE VOLTAGE			5.0	$V_r$	$I_f=100\mu\text{A}$
LUMINOUS INTENSITY		50		mcd	$I_f=20\text{MA}$
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				



LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$

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
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5mm x 20mm 4 CHIP LIGHT BAR,  
565nm GREEN CHIPS, GREEN DIFFUSED.

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**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.

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