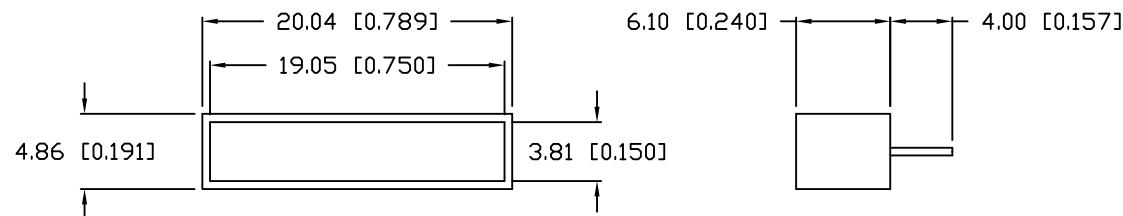


PART NUMBER
SSB-LX2550GD

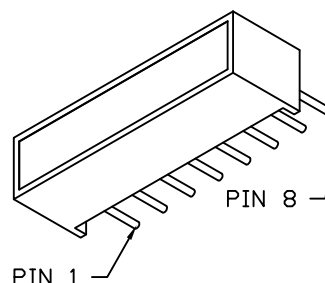
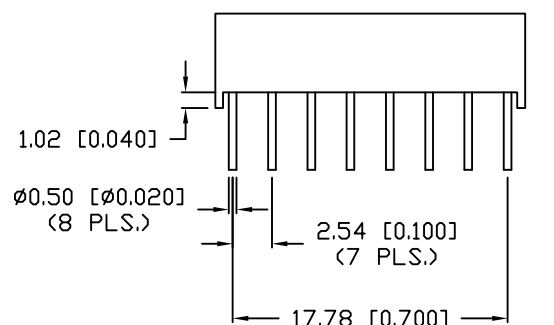
REV.
A

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



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

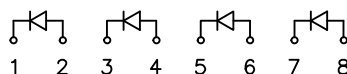
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE			5.0	V_r	$I_r=100\mu\text{A}$
LUMINOUS INTENSITY		50		mcd	$I_f=20\text{MA}$
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				



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

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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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DRAWN BY: K.Y.	CHECKED BY: G.Y.	APPROVED BY: R.C.	DATE: 09.02.16 PAGE: 1 OF 1 SCALE: N/A
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