



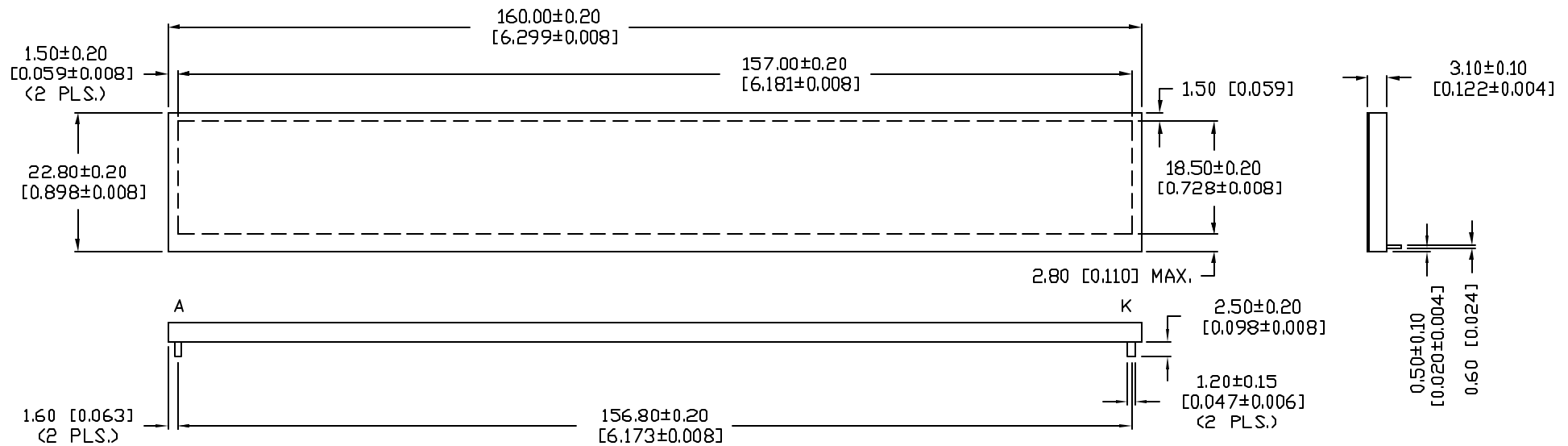
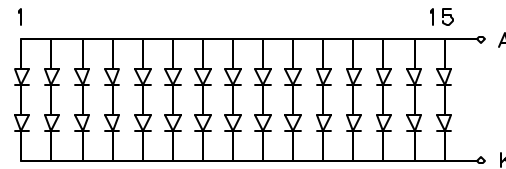
PART NUMBER

SSB-CER15719GW

REV.

REV. | E.C.N. NUMBER AND REVISION COMMENTS

DATE

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		4.4	5.2	V_f	
REVERSE VOLTAGE	8			V_r	$V_r=200\mu\text{A}$
LUMINOUS INTENSITY		40		cd/m^2	$I_f=300\text{mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	375	mA
STEADY CURRENT	300	mA
POWER DISSIPATION	1.95	W
DERATE FROM 25°C	-13.8	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-30 TO +80	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

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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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PHONE: 1-847-359-2790
WEB: [HTTP://WWW.LUMEX.COM](http://WWW.LUMEX.COM)160mm x 18.5mm VIEW AREA, LED BACKLIGHT,
30 CHIPS, 565nm GREEN, MILKY WHITE.

DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: 11-23-98

DU

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SCALE: N/A