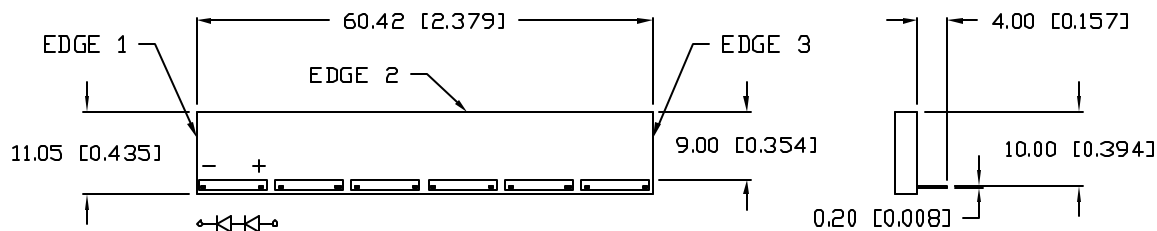


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL6011GW

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D NOTE #1.	4-2-98
B	E.C.N. #10BRDR. & REDRAWN.	11-23-98



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)*		nm	
FORWARD VOLTAGE		4.2	5.2	V_f	
REVERSE VOLTAGE	8			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		100*		cd/m^2	$I_f=10\text{ mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR WHITE				

*SEE NOTE 2

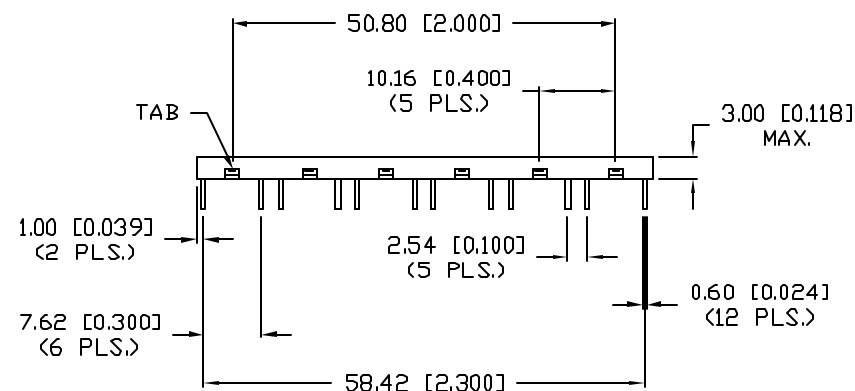
LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	156	W
DERATE FROM 25°C	-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING TEMP.	-20 TO +70	$^{\circ}\text{C}$
STORAGE TEMP.	-30 TO +80	$^{\circ}\text{C}$
SOLDERING TEMP.	+240	$^{\circ}\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

NOTES:

1. SSB-DL6011W HOLDER. PAINTED WHITE ON FOUR SIDES. HIGH TEMP. PAINT. (EDGES 1, 2, 3, AND BOTTOM.)
2. SSB-LX02GC. (6 PCS.)-SORTED CHIPS AND GRADED UNITS FOR COLOR AND INTENSITY UNIFORMITY PER CSR-066.



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*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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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 12-6-96
DU			PAGE: 1 OF 1
			SCALE: N/A

60mm x 11mm SINGLE EDGELIT BACKLIGHT,
565nm GREEN, 6 DUAL CHIP MODULES, CLEAR WHITE.