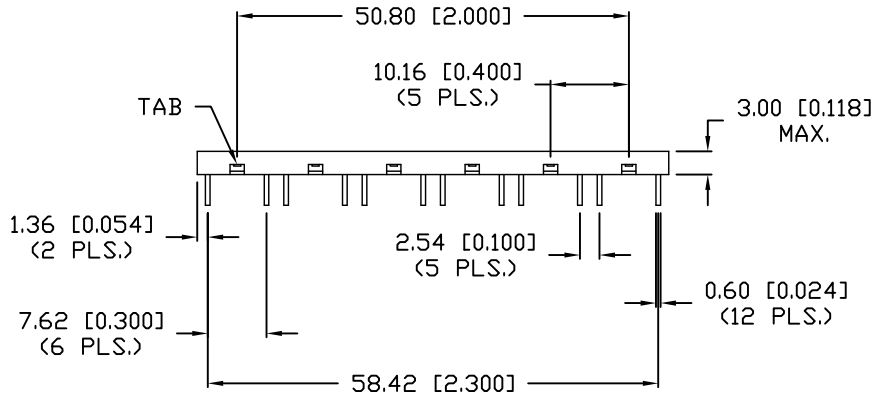
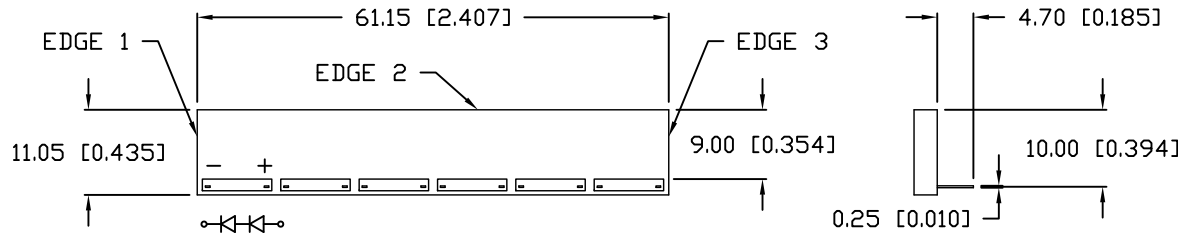


UNCONTROLLED DOCUMENT

PART NUMBER  
SSB-DL6011GW

REV.  
D

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
C	E.C.N. #11148.	5.11.07
D	E.C.N. #11929.	09.30.14



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*		$\text{cd}/\text{m}^2$	$I_f=10\text{ mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR WHITE				

\*SEE NOTE 2

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

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	156	W
DERATE FROM $25^\circ\text{C}$	-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:

- SSH-DL6011W HOLDER. REFLECTIVE ON FOUR SIDES. (EDGES 1, 2, 3, AND BOTTOM.)
- SSB-LX19GC. (6 PCS.)-SORTED CHIPS AND GRADED UNITS FOR COLOR AND INTENSITY UNIFORMITY PER CSR-066.



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\*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 MAX.=+0.00 -DECIMAL PRECISION

REV. D	PART NUMBER SSB-DL6011GW
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60mm x 11mm SINGLE EDGELIT BACKLIGHT,  
565nm GREEN, 6 DUAL CHIP MODULES, CLEAR WHITE.

**CONFIDENTIAL INFORMATION**  
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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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