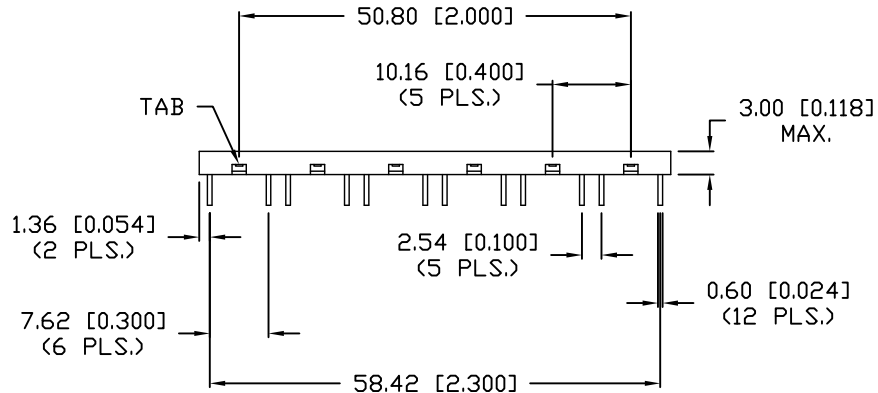
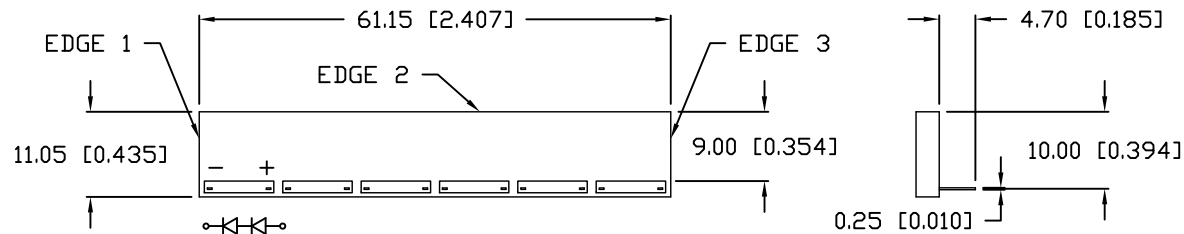


UNCONTROLLED DOCUMENT

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*		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. SSH-DL6011W HOLDER. REFLECTIVE ON FOUR SIDES. (EDGES 1, 2, 3, AND BOTTOM.)
2. 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: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 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

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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PAGE: 1 OF 1

SCALE: N/A