

UNCONTROLLED DOCUMENT

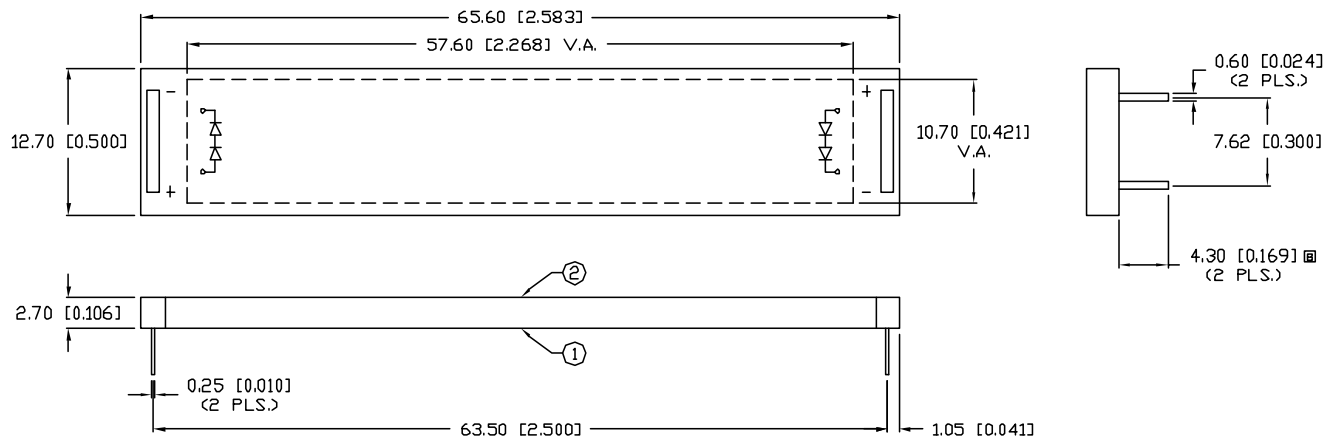
PART NUMBER

SSB-DL6613UWC/B

REV.

B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10988.	5.9.03
B	E.C.N. #11148.	5.11.07



ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C PER MODULE					I _f = 20 mA
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	550 (WHITE)			nm	
FORWARD VOLTAGE		7.2	8.0	V _f	
REVERSE VOLTAGE	10			V _r	V _r = 100μA
LUMINOUS INTENSITY		350		cd/m ²	I _f = 20 mA
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	CLEAR WITH FROSTED BOTTOM				

LIMITS OF SAFE OPERATION AT 25°C PER LED		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	W
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-20 TO +70	°C
STORAGE TEMP.	-30 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS

NOTES:

1. BOTTOM REFLECTOR TAPE.
 [A] 2. TOP DIFFUSER TAPE.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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

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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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DATE: 8.15.02

PAGE: 1 OF 1
SCALE: N/A

66mm x 13mm LCD BACKLIGHT, DUAL SIDED, WHITE CHIPS,
CLEAR LENS WITH MILKY WHITE DIFFUSER.