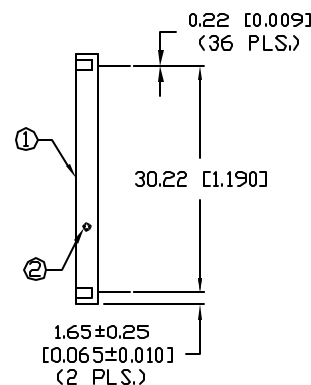
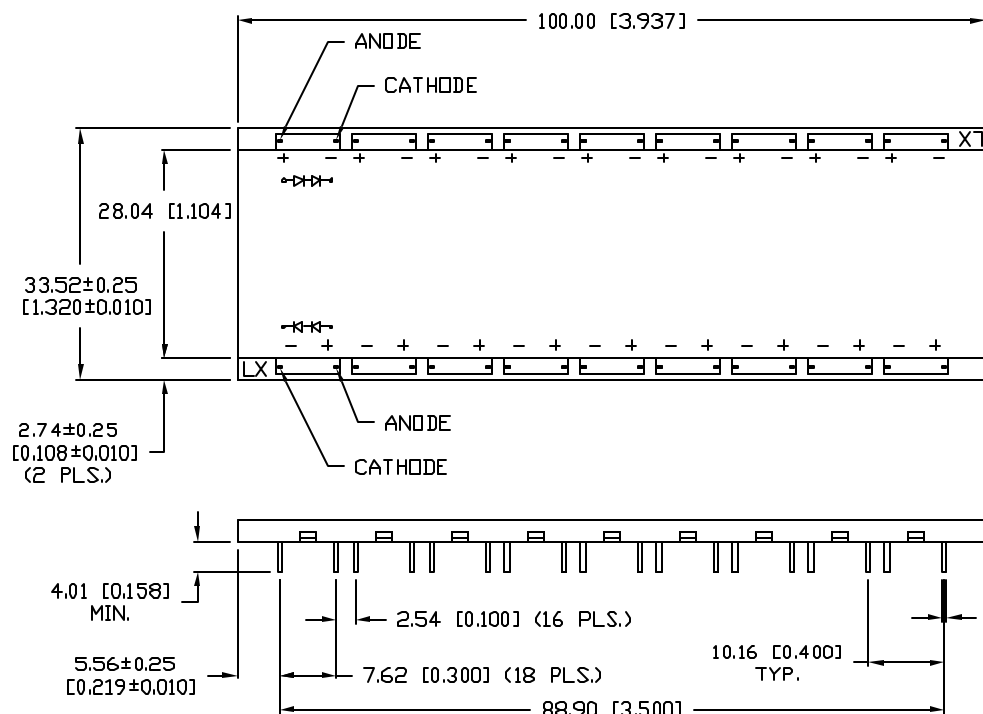


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL10033GWREV.
AREV. E.C.N. NUMBER AND REVISION COMMENTS
A E.C.N. #11148.DATE
5.11.07

NOTES:

1. SSB-LX02GC, GREEN LEDS. (18 PCS.)
2. SSB-DL10033W, ACRYLIC REFLECTOR.
3. TRANSPARENT ACRYLIC, FRONT SURFACE TO BE MATTE FINISH.
4. PAINT EDGES WHITE, BOTH ENDS.
5. LEDS TO SNAP FIT INTO LCD. NO ADHESIVE TO BE USED.

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		10		cd/m^2	$I_f=100\text{mA}$
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
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	

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

REPLACES PART #: SSB-DL10033GC

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $XX=\pm 0.5$ (± 0.020), $XXX=\pm 0.25$ (± 0.010), $XXXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030), MIN.= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISIONREV.
APART NUMBER
SSB-DL10033GW

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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DATE: 11.25.01

PAGE: 1 OF 1

SCALE: N/A

100mm x 33mm DUAL EDGE LIT LCD BACKLIGHT,
565nm GREEN, 18 DUAL CHIP MODULES, CLEAR WHITE.

JC