

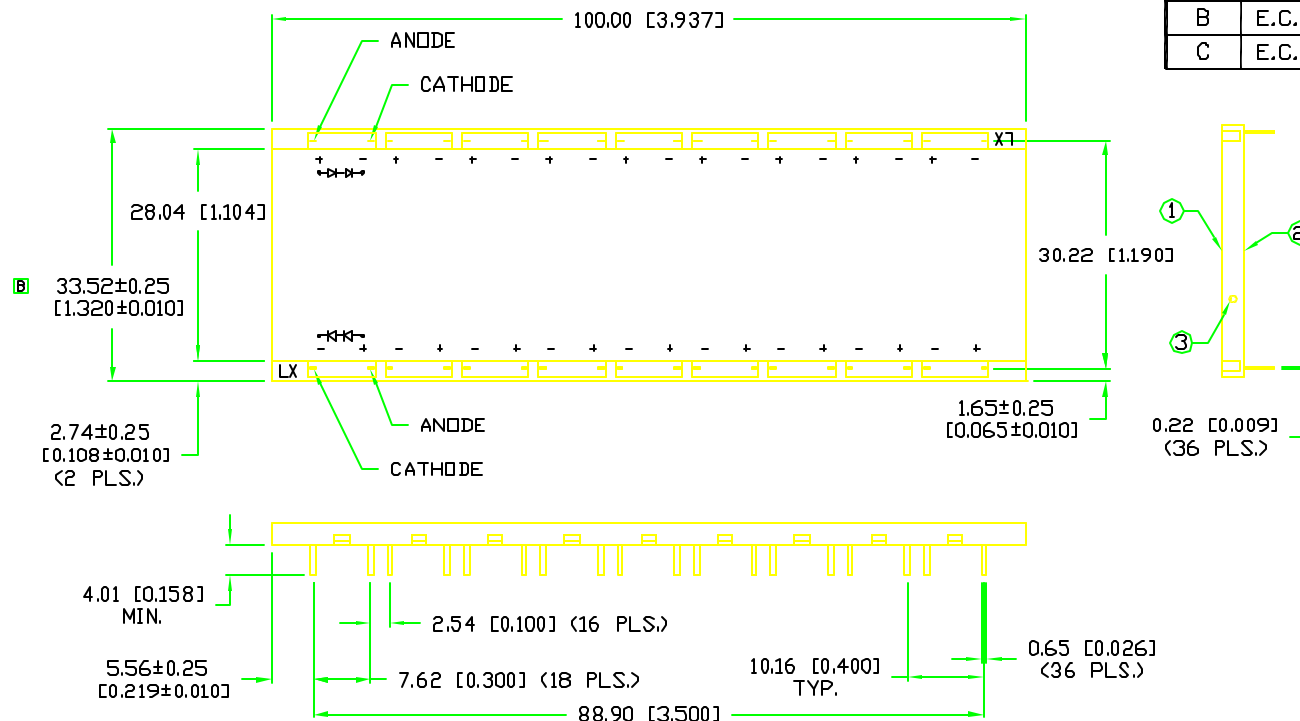


PART NUMBER
SSB-DL10033GG

REV.

C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10222./	7-31-96
B	E.C.N. #10426./	4-6-98
C	E.C.N. #10BRDR. & REDRAWN.	10-29-98



NOTES:

1. TRANSPARENT ACRYLIC, FRONT SURFACE TO BE MATTE FINISH.
2. HIGH GREEN REFLECTIVE PAINT, BACK SURFACE.
3. PAINT EDGES WHITE, BOTH ENDS.
4. LEDS TO SNAP FIT INTO LDD. NO ADHESIVE TO BE USED.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{ mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		4.2	4.6	V _f	
REVERSE VOLTAGE	8			V _r	V _r =200μA
LUMINOUS INTENSITY		20		cd/m ²	I _f =10mA
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	GREEN				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	300	mA
STEADY CURRENT	20	mA
REVERSE VOLTAGE	8	V
POWER DISSIPATION	2.0	mW
DERATE FROM 25°C	-0.4	mW/°C
OPERATING TEMP.	-20 TO +70	°C
STORAGE TEMP.	-40 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

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

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

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100mm x 33mm EDGE LIT LCD BACKLIGHT,
GREEN.

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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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			SCALE: N/A

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