

UNCONTROLLED DOCUMENT

PART NUMBER

SSB-DL10033SRW

REV.

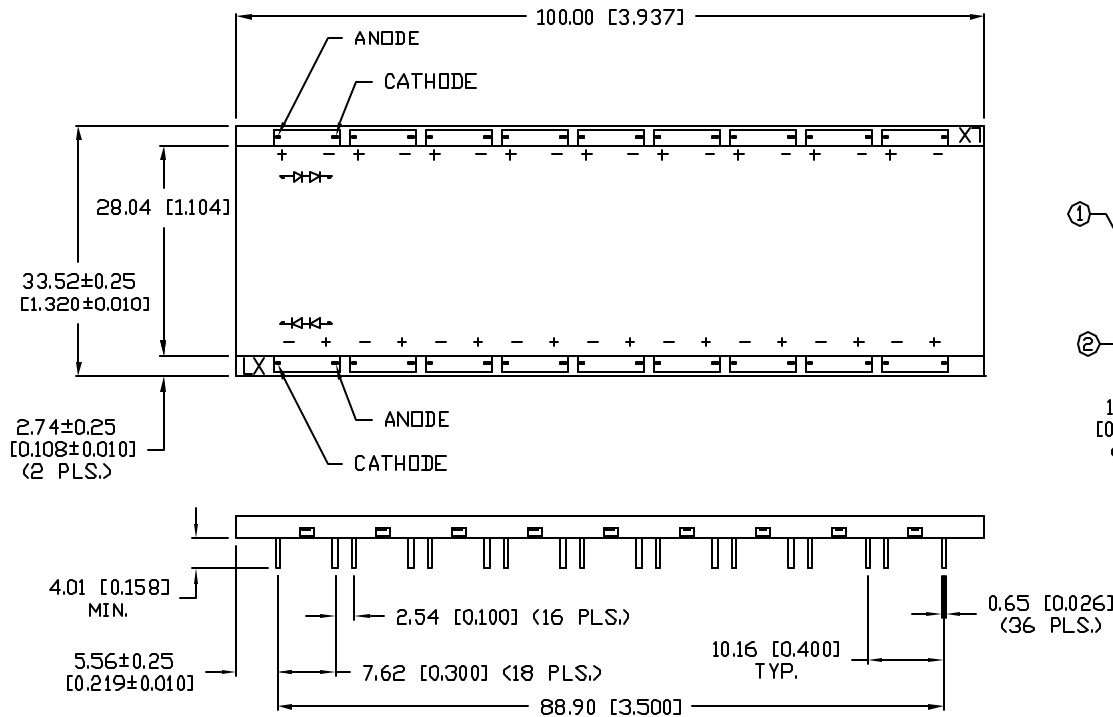
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REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

A E.C.N. #11148.

5.11.07



NOTES:

1. SSB-LX02SRC, RED LEDS. (18 PCS.)
2. SSH-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		660		nm	
FORWARD VOLTAGE		3.6	4.6	V _f	
REVERSE VOLTAGE	8			V _r	V _r =100μA
LUMINOUS INTENSITY		50		cd/m ²	I _f =100mA
EMITTED COLOR:	RED				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-20 TO +70	°C
STORAGE TEMP.	-30 TO +80	°C
SOLDERING TEMP.	+240	°C
2.0mm FROM BODY	3 SEC. MAX	

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

*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 MAX=+0.00 -DECIMAL PRECISION

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SSB-DL10033SRW

100mm x 33mm DUAL EDGE LIT LCD BACKLIGHT,
660nm SUPER RED, 18 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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SCALE: N/A