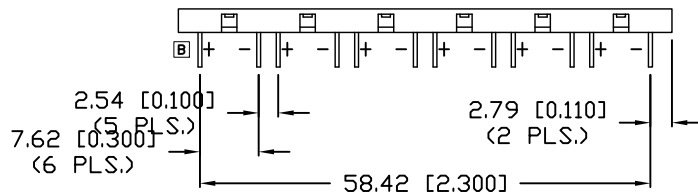
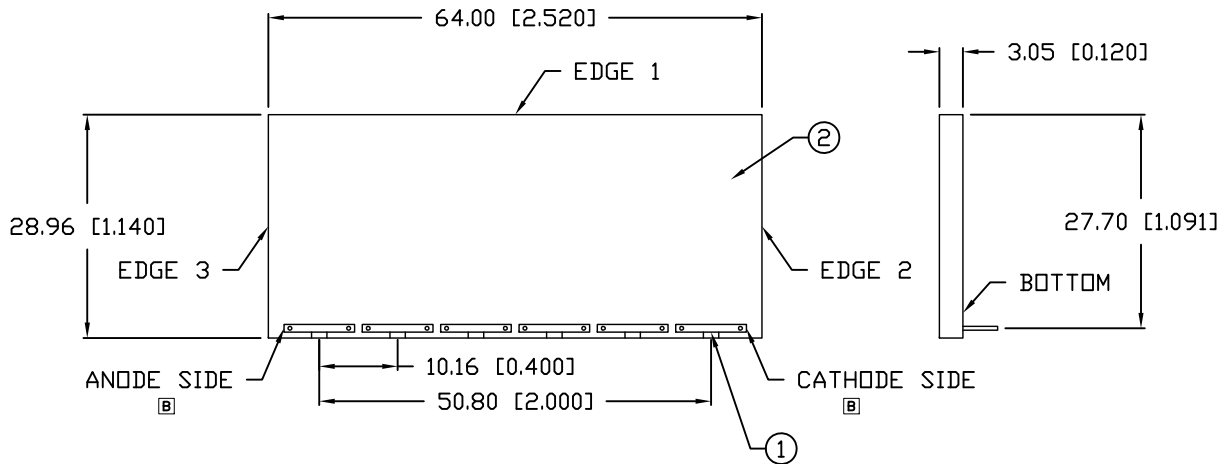


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	5.14.07
B	E.C.N. #11902.	03.31.14



NOTES:

1. SSB-LX02SRC, RED LEDS. (6 PCS.)
2. SSH-DL6528W, ACRYLIC REFLECTOR.
3. PAINT BOTTOM AND EDGES 1, 2, AND 3 HIGH REFLECTIVE WHITE.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		3.6	4.6	$V_f$	
REVERSE VOLTAGE	8			$V_r$	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		45		$\text{cd}/\text{m}^2$	$I_f=20\text{ mA}$
EMITTED COLOR:	RED				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	138	W
DERATE FROM $25^\circ\text{C}$	-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

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



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm 1$  ( $\pm 0.039$ ), X.X= $\pm 0.5$  ( $\pm 0.020$ ), X.XX= $\pm 0.25$  ( $\pm 0.010$ ), X.XXX= $\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN.=<sup>+DECIMAL PRECISION</sup>-0.00, MAX.=<sup>-DECIMAL PRECISION</sup>0.00

REV. B	PART NUMBER SSB-DL6528SRW
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65mm x 29mm LCD, 6 MODULE BACKLIGHT,  
660nm RED LEDS, CLEAR WHITE EPOXY.

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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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