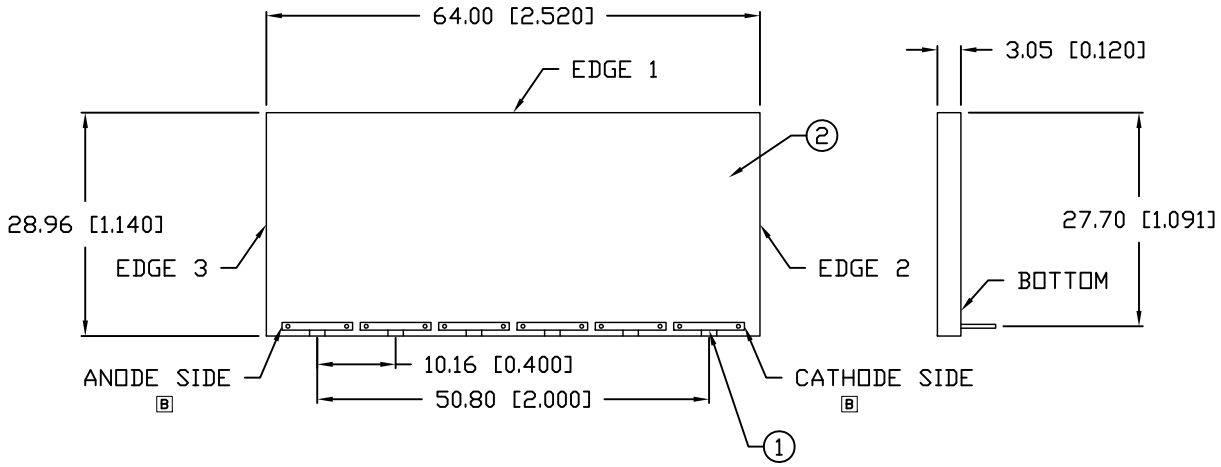
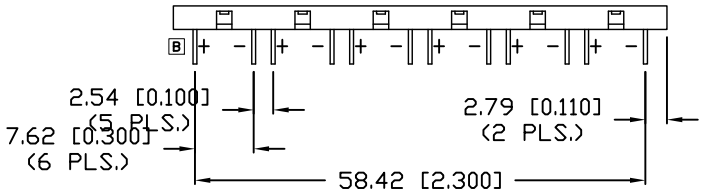
UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSB-DL6528SRW	B

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°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 =100µA
LUMINOUS INTENSITY		45		cd/m²	I_f = 20 mA
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	138	W
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<10µS

A

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

REV.	PART NUMBER
B	SSB-DL6528SRW

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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JC			PAGE: 1 OF 1
			SCALE: N/A