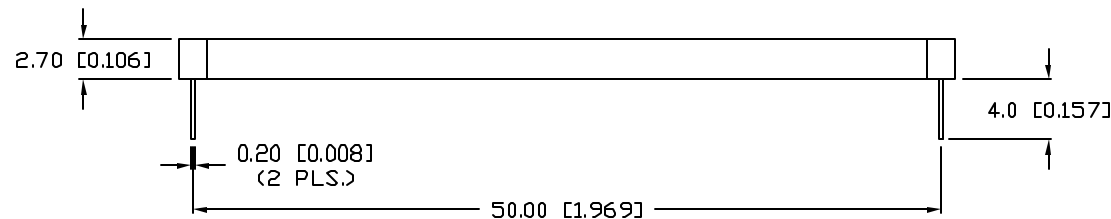
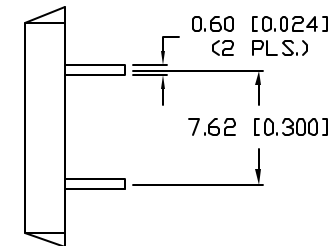
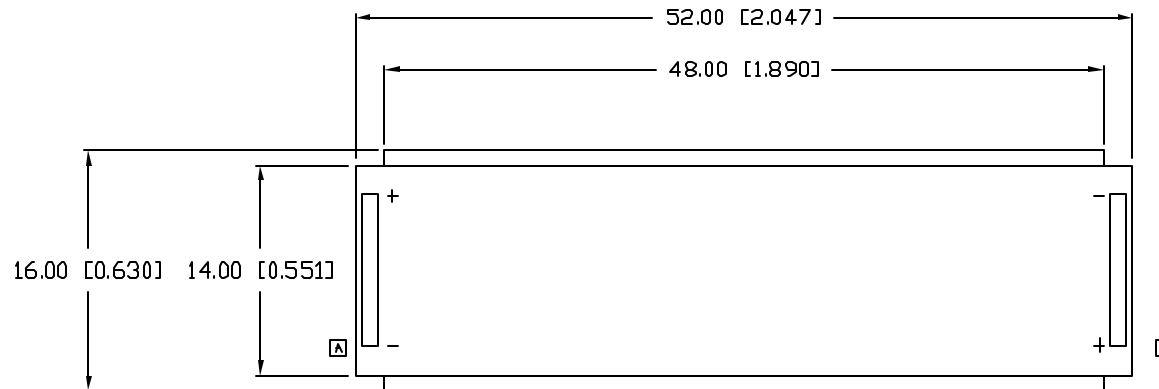


UNCONTROLLED DOCUMENT

PART NUMBER
SSB-DL5216SRCREV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11201.	12.27.04
B	E.C.N. #11148.	5.11.07



NOTES:

- SSB-LX025SRC, RED LEDS. (2 PCS.)
- SSH-DL5216W ACRYLIC REFLECTOR.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE					$I_f=20\text{ mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		3.4	4.4	V_f	
REVERSE VOLTAGE	10			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		85		cd/m^2	$I_f=20\text{ mA}$
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	156	W
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	

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

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*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=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.
BPART NUMBER
SSB-DL5216SRC

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52mm x 16mm LCD BACKLIGHT, DUAL SIDED,
SUPER RED CHIPS, CLEAR EPOXY.

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.

DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 12.27.04 PAGE: 1 OF 1 SCALE: N/A
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