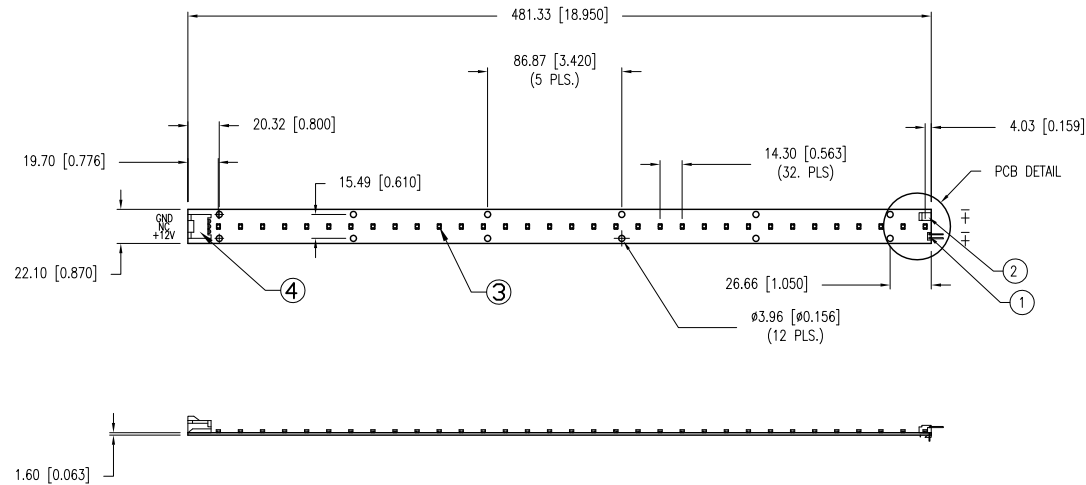


PART NUMBER	SSA-LX48022UWC-TOP	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.22.09	E.C.N. #11565.		A
07.15.14	E.C.N. #11913.		B



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE	2.7		3.5	V_f	
REVERSE VOLTAGE	2250		4500	V_r	$I_f=50\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		120		$2\times$ theta	
EMITTED COLOR:	COLD WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

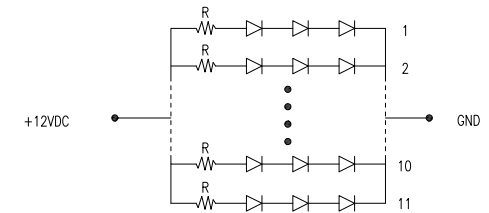
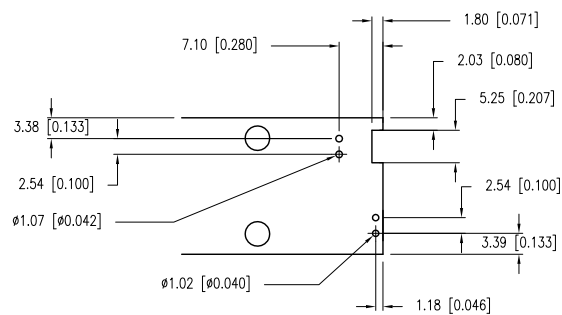
LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
DC FORWARD CURRENT	30	mA
REVERSE VOLTAGE	25	V
POWER DISSIPATION	110	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

NOTES:

1. MOLEX #22122021 OR EQUIVALENT.
2. MOLEX #22162021 OR EQUIVALENT.
3. SML-LX2835UWUBIN.
4. MOLEX #39-03-7031, MINI-FIT, 600V, HEADER, 3 PIN, MALE-RA.
5. PC BOARD TO BE CONFORMAL COATED.

PCB DETAIL



R= 60 OHMS, 1206 PACKAGE, 1/4 WATT.

*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= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

CUSTOM LED ARRAY ASSEMBLY, 33 WHITE LEDS, 12 V 440mA, TOP HALF.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	11.20.08	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	YA
UNIT:	mm [INCH]		(Pb)