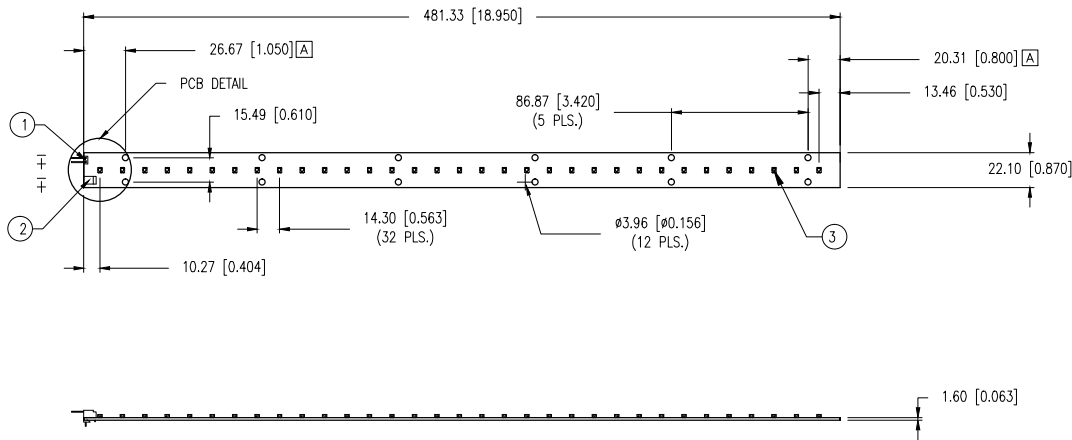


PART NUMBER	SSA-LX48022UWC-BOT	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.22.09	E.C.N. #11565.		A
05.15.14	E.C.N. #11913.		B



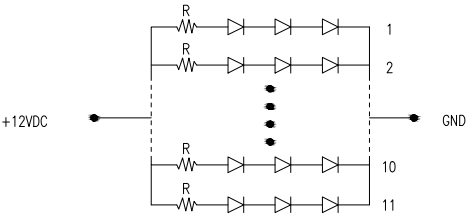
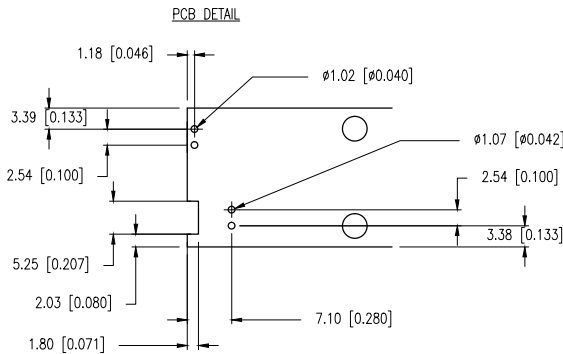
ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE	2.7		3.5	V _f	I _f =50uA
REVERSE VOLTAGE	2250		4500	V _r	I _f =20mA
AXIAL INTENSITY		30		mcd	
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	COLD WHITE				
EPOXY LENS 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/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μS

NOTES:

1. MOLEX #22122021 OR EQUIVALENT.
2. MOLEX #22162021 OR EQUIVALENT.
3. SML-LX2835UWUWBIN.
4. PC BOARD TO BE CONFORMAL COATED.



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= ^{+DECIMAL PRECISION} _{-0.00} MAX= ^{+0.00} _{-DECIMAL PRECISION} UNCONTROLLED DOCUMENT

P:\ARTWORK\Lumex logos\LUMEX-09.bmp	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, BOTTOM HALF.		DATE: 11.20.08	DRAWN BY: JN
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	CHKD BY: JD
		THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: YA
				UNIT: mm [INCH]	Ⓟ