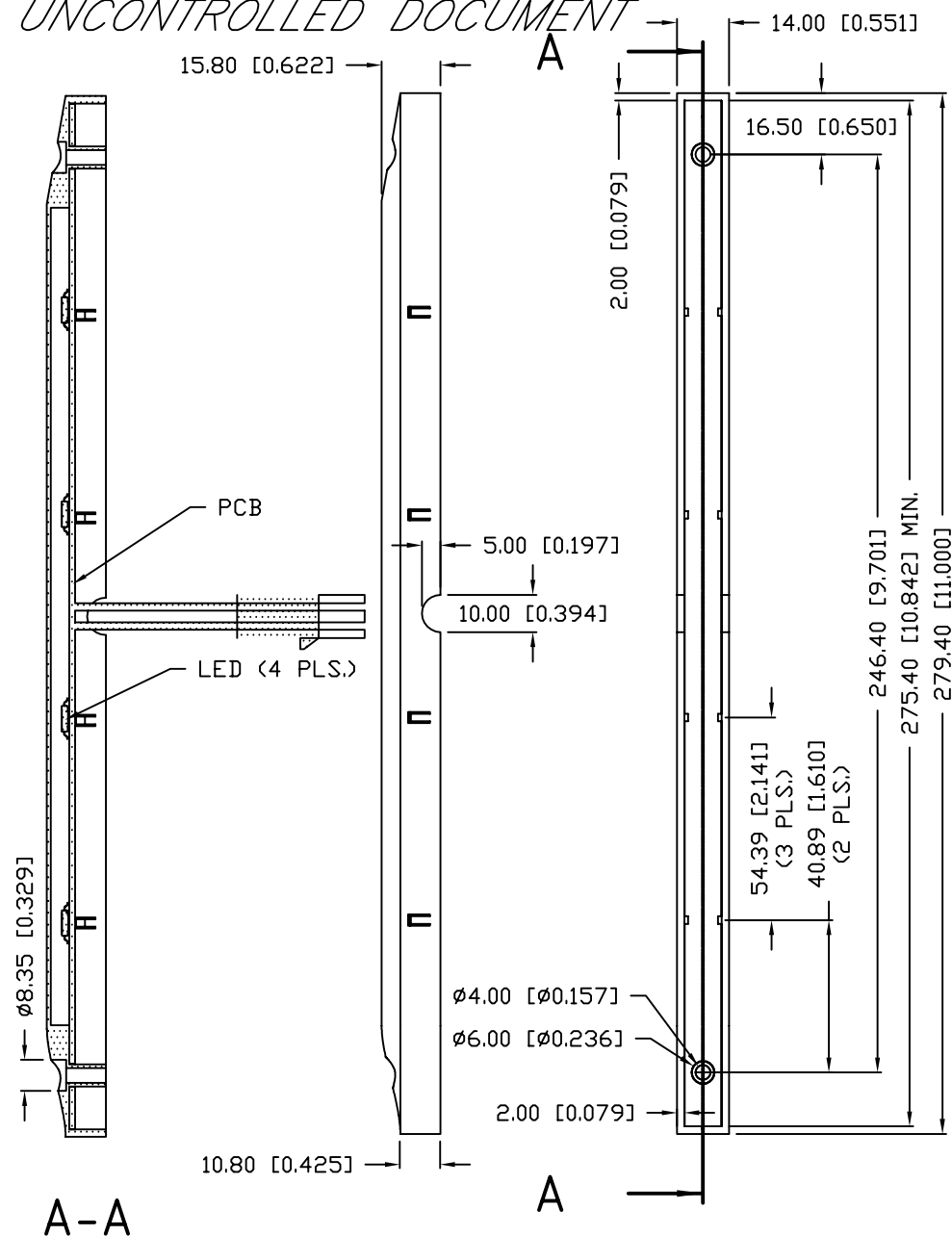


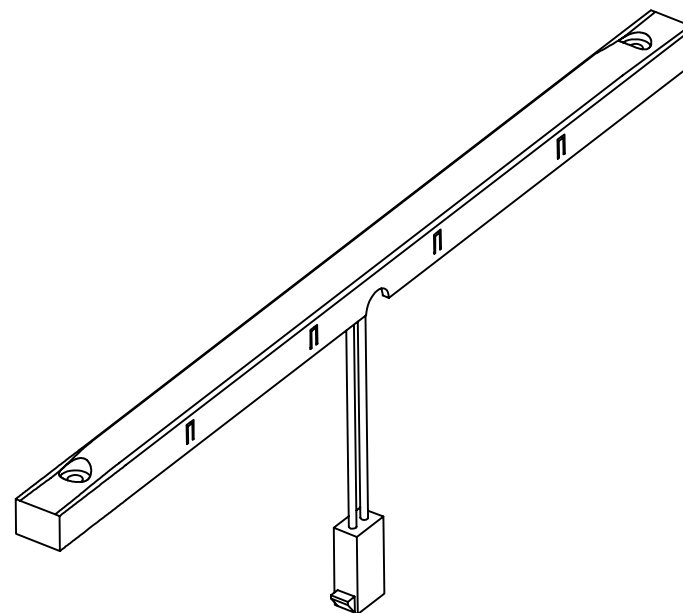
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A	E.C.N. #11523.	08.12.08



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CUSTOM WHITE LED ACCENT LIGHTING,
W/LENS COVER, WIRES, CONNECTOR, 12v, 150mA.

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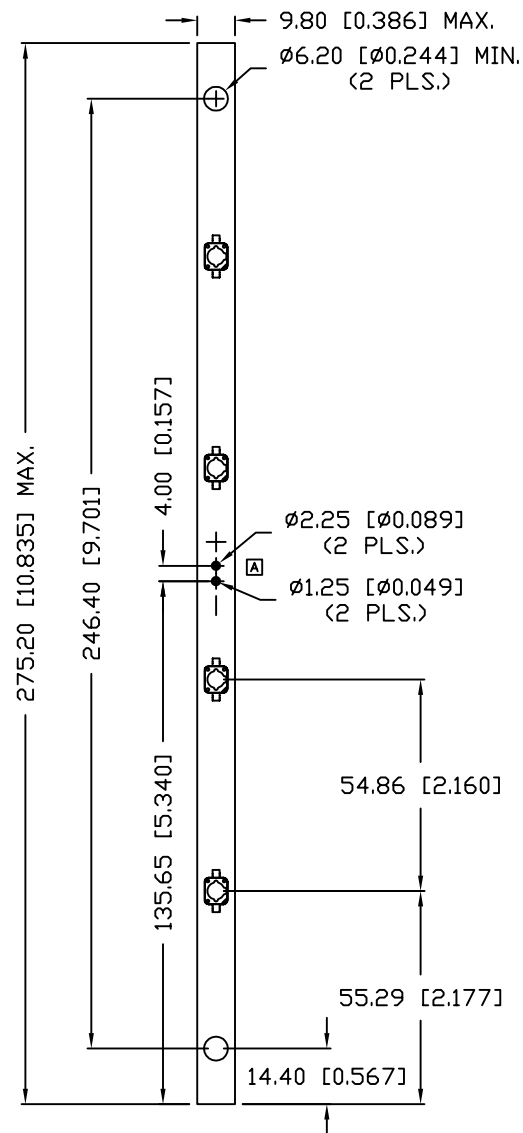
RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

LUMEX
Creating LED and LCD Solutions Together™

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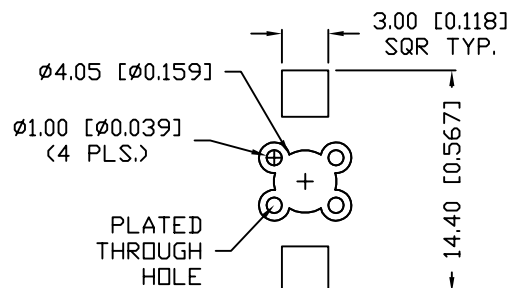
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			SCALE: N/A

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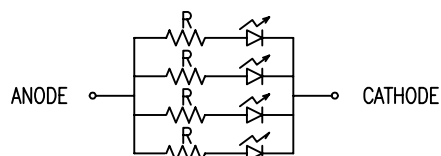


RESISTORS ON BACK SIDE

LED PAD LAYOUT



CIRCUIT DIAGRAM



□ R=59 OHMS, 2 WATT THROUGH HOLE TYPE.

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH					nm	
FORWARD VOLTAGE	V_f		12		V	$I_f=150\text{mA}$
REVERSE VOLTAGE	V_r	5			V	$I_r=10\mu\text{A}$
AXIAL INTENSITY(*1)	I_v	23		39	lm	$I_f=150\text{mA}$
CHROMATICITY	X	0.28		0.36		$I_f=150\text{mA}$
COORDINATES(*2)	Y	0.25		0.38		$I_f=150\text{mA}$
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:	WHITE					
EPOXY LENS FINISH:	CLEAR					

*1. AXIAL INTENSITY TESTING CONDITION: 550nm WAVELENGTH.
 *2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	500	mA
STEADY CURRENT	350	mA
POWER DISSIPATION	2.1	W
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

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CUSTOM WHITE LED ACCENT LIGHTING,

W/LENS COVER, WIRES, CONNECTOR, 12v, 150mA.

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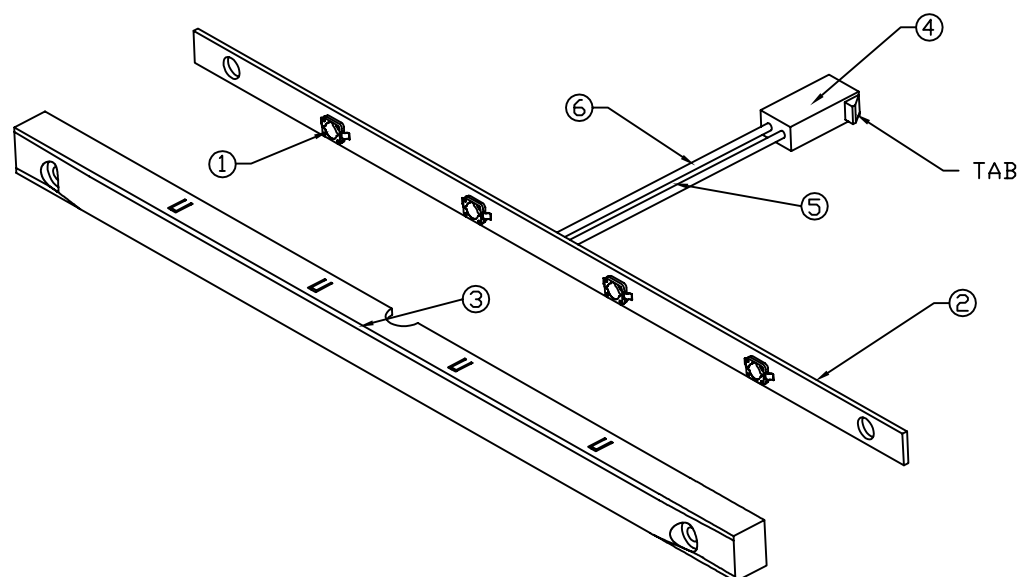
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DATE

SEE PAGE ONE.



NOTES:

1. SML-LX2723MWC-TR
2. CUSTOM PCB BOARD, LXP-PCB28014UMC
3. CUSTOM LENS COVER, LXP-LX28014UMC
4. MOLEX MINIFIT JUNIOR 2 POSITION
CONNECTOR #39-01-3023 OR EQUIVALENT
TERMINAL 39-00-0040 OR EQUIVALENT
5. 22 AWG WIRE, BLACK=CATHODE NEAR TAB.
6. 22 AWG WIRE, RED=ANODE.



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