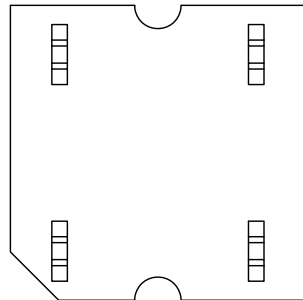
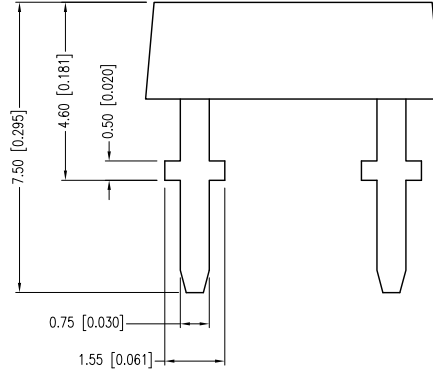
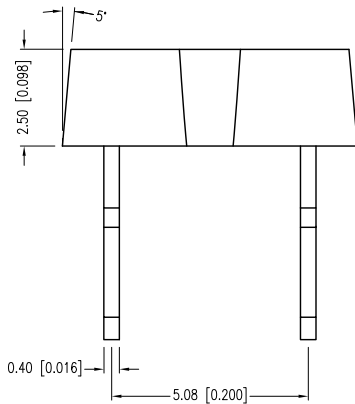
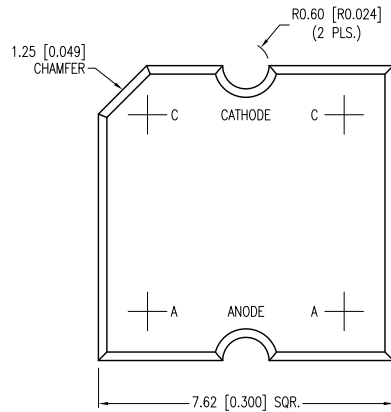


PART NUMBER	SSL-LX00448SYC	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.23.12	E.C.N. #10BRDR. & REDRAWN.		A



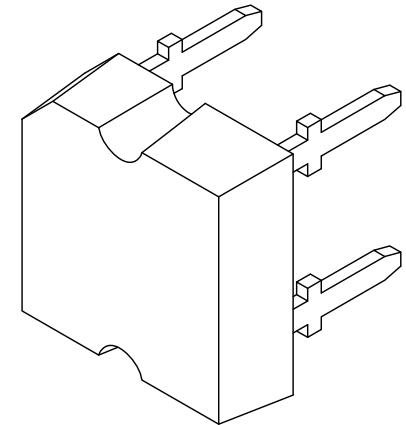
## ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=70mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.6	3.1	Vf	If=70mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
TOTAL FLUX		5400		mlm	If=70mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	WATER CLEAR				

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	70	mA
POWER DISSIPATION	220	mW
DERATE FROM 25°C	-2.0	mW/°C
OPERATING TEMP.	-40 TO +100	°C
STORAGE TEMP.	-40 TO +100	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

\* t&lt;10μs



\*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.= <sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX.= <sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>

UNCONTROLLED DOCUMENT



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

QUASARBRITE T-7.6 x 7.6mm LED, SUPER HIGH INTENSITY LED, WATER CLEAR LENS.

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

## CONFIDENTIAL INFORMATION

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.

DATE:	07.23.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSL-LX00448SYC](#)