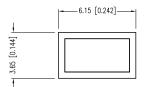
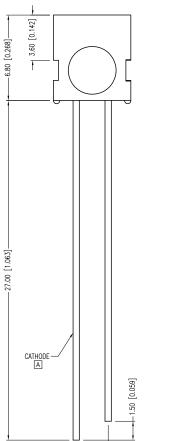
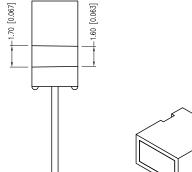
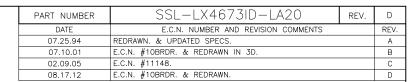
UNCONTROLLED DOCUMENT









ELECTRO-OPTICAL	CHARACTERISTICS Ta=25*	C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		12		mcd	If=20mA
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	•c
STORAGE TEMP.	-40 TO +85	•c
SOLDERING TEMP.	+260	*C

* t<10µS

2.0mm FROM BODY

	*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5	$ (\pm 0.020), \text{ X.XX} = \pm 0.25 (\pm 0.010), \text{ X.XXX} = \pm 0.127 (\pm 0.005). \text{ LEAD SIZE} = \pm 0.05 (\pm 0.002), \text{ LEAD LENGTH} = \pm 0.75 (\pm 0.030). \text{ MIN} = \\ \begin{array}{c} + \text{DECIMAL PRECISION} \\ -0.00 \end{array} \text{ MAX.} = \\ \begin{array}{c} + 0.00 \\ - \text{DECIMAL PRECISION} \end{array} $	UNCONTROLLE	ED DOCUMENT
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PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 **THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.** FAX: +1.847.359.6538

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UNIT: mm [INCH]	(Pa)
SCALE: NTS	APRVD BY: KF
PAGE: 1 OF 1	CHKD BY: KF
DATE: 08.17.12	DRAWN BY: AB

WEB: WWW.LUMEX.COM Creating LED and LCD Solutions Together™ MEMBER OF ITW PHOTONICS GROUP

0.50 [0.020] SQR. (2 PLS.)

12.54 [0.100]

—5.65 [0.222]—-

3.15 [0.124]

290 E. HELEN ROAD QUASARBRITE 4mm x 7mm RECT LED, 635nm RED, RED DIFFUSED.

Mouser Electronics

Authorized Distributor

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