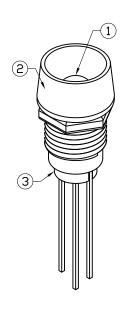
PART NUMBER	SSI-LXR4815YGW-3	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.20.01	E.C.N. #10BRDR. & REDRAWN & REDRAWN IN 3D.		Α
02.22.13	E.C.N. #10BRDR. & REDRAWN.		В

<b>→</b>	<b>-</b> ∅10.00 [0.394]
	+
	5.00 [0.197]
	7.50 [0.295]
	- ø7.00 [0.276]
YELLOW	GREEN ANDDE
0.50 [0.020] SQR. (3 PLS.)	2.54 [0.100] (2 PLS.)



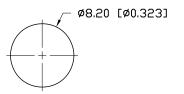
ELECTRO-OPTICAL CHARACT	ERISTIC	CS TA=25°C	$I_{f} = 20$	)mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
	565 (GREEN)			nm	
FORWARD VOLTAGE (Y/G)		2.1/2.2	2.5/2.6	$V_{f}$	
REVERSE VOLTAGE	5.0			$V_r$	Ir=100µA
AXIAL INTENSITY (Y/G)		20/30		mcd	If = 20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR: YELL	OW/GF	REEN			
EPOXY LENS FINISH: MILK	Y WHI	TE DIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP	•	-40 TO +85	•Ć
SOLDERING TEMP.		+ 260	•C
2.0mm FROM BODY			3 SEC. MAX

\* t<10µS

## PANEL CUTOUT



## NOTES:

- 1. SSL-LX5099YGW, YELLOW/GREEN LED.
- 2. SSI-LXR4815, CHROME HOUSING.
- 3. SSH-LXH4815BSG-3, BLACK NYLON BUSHING.

\*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=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0$ UNCONTROLLED DOCUMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP T-5mm YELLOW/GREEN PANEL INDICATOR LED, MILKY WHITE DIFFUSED LENS, COMMON CATHODE.

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

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	DATE:	02.22.13	DRAWN BY:	MA
	PAGE:	1 OF 1	CHKD BY:	KF
	SCALE:	NTS	APRVD BY:	KF
	UNIT: mm [INCH]		Po	