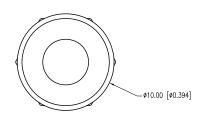
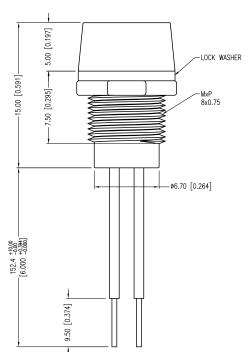
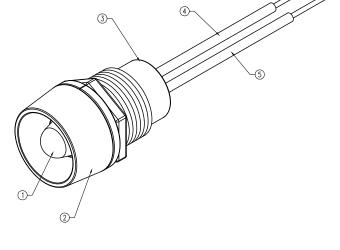
UNCONTROLLED DOCUMENT







PANEL CUTOUT



PART NUMBER	SSI-LXR4815HGW-150	REV.	Е
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.27.94	10.27.94 REDRAWN, UPDATED SAFE OPER. SPECS. 11.17.94 CORRECTED WIRE STRIP LENGTH.		Α
11.17.94			В
10.30.00 E.C.N. #10674.			С
01.10.02	E.C.N. #10BRDR. &REDRAWN IN 3D.		D
05.15.12	E.C.N. #10BRDR. & REDRAWN.		E

ELECTRO-OPTICAL C	CHARACTERISTICS	Ta=25°C Vf=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(R/G)	700/565		nm	
FORWARD VOLTAGE	(R/G)	2.0/2.2	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY	(R/G)	5/8		mcd	Vf=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
LENS FINISH:	MILKY WHITE	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION (R/G)	120/105	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	*C
*t<10.uS		

## B C NOTES:

- 1. SSL-LX5063HGW, RE/GREEN LED. TRIM LEADS TO 5mm.
- 2. SSI-LXR4815, CHROME HOUSING.
- 3. SSH-LXH4815BSG, BLACK NYLON BUSHING (NOT SEEN)
- 4. RED ANODE LEAD: LXP-WST24RDTOC, RED INSULATION, 160mm LONG, STRIP 2mm &
- 5. GREEN ANODE LEAD: LXP-WST24BLTOC, BLACK INSULATION, 160mm LONG, STRIP 2mm & 9.5mm,

\*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=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.

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

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UNCONTROLLED DOCUMENT DATE: 05.15.12 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

## Creating LED and LCD Solutions Together™

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 T-5mm 700/565nm RED/GREEN PANEL INDICATOR LED, WHITE DIFFUSED, WITH 6" WIRE LEADS.

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SSI-LXR4815HGW-150