



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

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$

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	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		5/8		mcd	$I_f=20\text{mA}$
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/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

[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-WST24RDT0C, RED INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.
5. GREEN ANODE LEAD: LXP-WST24BLT0C, 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= $^{+0.000}_{-0.000}$ DECIMAL PRECISION MAX= $^{+0.000}_{-0.000}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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

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

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DATE:	05.15.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(P6)

Mouser Electronics

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