



PART NUMBER	SSI-LXR3612ID	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.17.92	UPDATED SAFE OPER. SPECS AND NOTES.		Α
09.19.94	UPDATED SAFE OPER. SPECS AND NOTES.		В
05.16.95	UPDATED DRAWING WITH BUSHING.		С
01.04.02	E.C.N. #10BRDR. & REDRAWN IN 3D.		D
7.14.11	E.C.N. #10BRDR. & REDRAWN.		E

ELECTRO-OPTICAL CH	ARACTERISTICS Ta=	25°C	If=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100μA
axial intensity		30		mcd	If=10mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/*C
OPERATING TEMP.	-40 TO +85	·c
STORAGE TEMP.	-40 TO +85	.c
SOLDERING TEMP.	+260	.c
2.0mm FROM BODY	3	SEC. MAX.
* t<10µS		

- B NOTES:
- 1. SSL-LX3054ID, RED LED. 2. SSI-LXR3612, CHROME HOUSING.
- 3. SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.

*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= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.000}$ MAX.= $^{+0.00}_{-0.000}$ MAX.= $^{+0.00}_{-0.000}$ PRECISION UNCONTROLLED DOCUMENT



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T-3mm (T-1) 635nm RED PANEL INDICATOR, RED DIFFUSED LENS.

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

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	DATE:	07.14.11	DRAWN BY:	AB
	PAGE:	1 OF 1	CHKD BY:	KF
	SCALE:	NTS	APRVD BY:	SS
	UNIT: mm [INCH]		Pb)	