

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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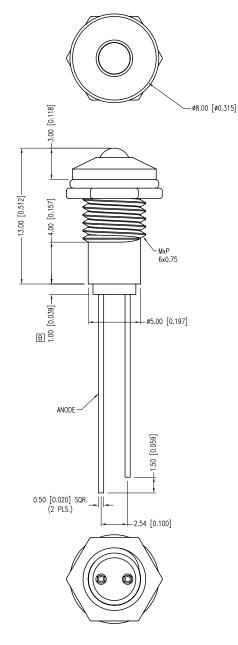
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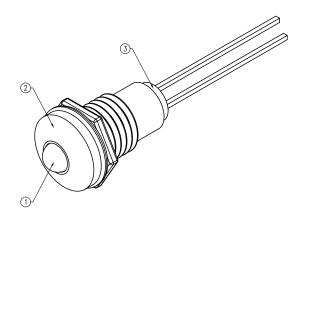
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China











PANEL CUTOUT

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.		C
01.04.02	E.C.N. #10BRDR. & REDRAWN IN 3D.		D
7.14.11	E.C.N. #10BRDR. & REDRAWN.		Ε

ELECTRO-OPTICAL CHA	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	Ir=100μA
AXIAL INTENSITY		30		mcd	If=10mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

В	Α	LIMITS	0F	SAFE	OPERATION	ΑT	25°C	
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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.

Ø6.20 [Ø0.244]

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]	Po		