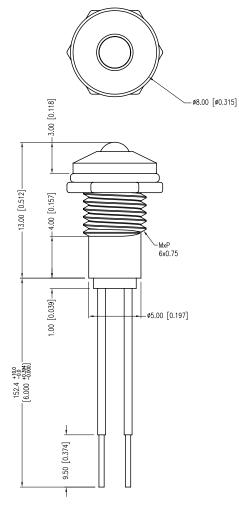
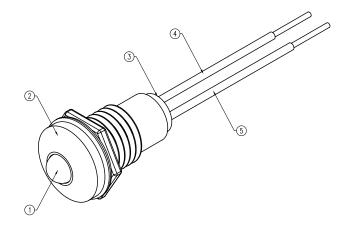
UNCONTROLLED DOCUMENT





 Ø6.20 [Ø0.244]

PANEL CUTOUT

PART NUMBER	SSI-LXR3612ID-150 REV.		F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.17.92	UPDATED SAFE OPER. SPECS.		Α
09.19.94	UPDATED SAFE OPER. SPECS AND NOTES.		В
05.16.95	UPDATED DWG AND NOTES.		С
06.23.95	CHG'D WIRE SIZE.		D
10.30.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		E
7.14.11	E.C.N. #10BRDR. & REDRAWN.		F

ELECTRO-OPTICAL (	CHARACTERISTICS 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	H: RED DIFFUSED				

B LIMITS OF SAFE OPERATION AT 25	°C	
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		

## DCBNOTES:

- SSL-LX3054ID, RED LED, TRIM LEADS TO 5mm.
  SSI-LXR3612 HOLDER, CHROME FINISH.
  SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
  ANODE LEAD: LXP-WST26RDTOC, 26 AWG. STRANDED, RED INSULATION, CUT TO 157mm LONG, STRIP ENDS 2mm AND 9.5mm.
  CATHODE LEAD: LXP-WST26BITOC, 26 AWG. STRANDED, BLACK INSULATION, CUT TO 157mm LONG, STRIP ENDS 2mm AND 9.5mm.
  SOLDER LED LEADS TO WIRE LEADS.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRE	CISION ARE: X=±1 (±0.039), X.X=±0.5	$(\pm 0.020)$ , X.XX= $\pm 0.25$ $(\pm 0.010)$ , X.XXX= $\pm 0.127$ $(\pm 0.005)$ .	LEAD SIZE= $\pm 0.05$ ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$ ( $\pm 0.030$ ). MIN= $\begin{array}{c} + \text{DECIMAL PRECISION} \\ -0.00 \end{array}$	MAX.= +0.00 -DECIMAL PRECISION	UNCONTROLL	<u>ED DOCUMEN</u>	7
1							$\overline{}$



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T-3mm (T-1) 635nm RED PANEL INDICATOR, RED DIFFUSED LENS, 6" WIRE LEADS.

\*\*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: AΒ PAGE: 1 OF CHKD BY: KF SCALE: NTS APRVD BY: JD (Pb) UNIT: mm [INCH]

## **Mouser Electronics**

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