



**THE DATASHEET OF  
SSI-LXH1090SRD-150**



SSI-LXH1090SRD-150

C

Ø13.00 [Ø0.512]

Ø16.00 [Ø0.630]

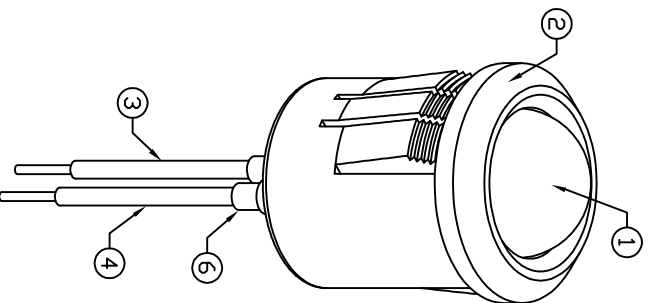
3.00 [0.118]

Ø14.00 [Ø0.551]

PANEL CUTOUP 

14.00+0.05 [0.551+0.002]

0.60~3.00 [0.024~0.118]



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA			
PARAMETER	MIN	TYP	MAX UNITS TEST COND
PEAK WAVELENGTH	660	1.7	2.2 nm
FORWARD VOLTAGE			Vf If=100µA
REVERSE VOLTAGE	4.0		Vr If=20mA
AXIAL INTENSITY		550	mcd If=20mA
VIEWING ANGLE		60	2x theta
EMITTED COLOR:	RED		
EPOXY LENS FINISH:	RED DIFFUSED		

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
<input checked="" type="checkbox"/> PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
<input checked="" type="checkbox"/> POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
* t<10µs		

## NOTES:

- SSL-LX100133SRD LED.
- SSH-RFT1090 HOLDER.
- ANODE LEAD: LXP-WST24RD10C, 24 AWG STRANDED, RED INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BL10C, 24 AWG STRANDED, BLACK INSULATION, CUT 144mm LONG, STRIP 3mm & 9.5mm.
- CRIMP WIRE LEADS TO LED LEADS.
- 2 PIECES- 32mm, 1/16" BLACK HEAT SHRINK TUBING.
- UV EPOXY TO RETAIN LED IN HOLDER.

UNCONTROLLED DOCUMENT

LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=±0.00

MAX=+0.00

DECIMAL PRECISION

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## RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

NUMBER

OSRD-150

LED PANEL INDICATOR,

" WIRE LEADS.



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			SCALE: N/A

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