



- SSL-LX3054ID, RED LED. TRIM LED LEADS TO 5mm.
 SSI-LXR1612 CHROME HOUSING.
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 SSH-LXH1612BSG, BIISHING. INSERT AND CRIMP.
 SSH-LXH1612BSG, BIISHING. INSERT AND CRIMP.
 ANODE LEAD: LXP-WST2BRDT. 26 AWG. STRANDED, RED INSULATION. CUT 45mm LONG, STRIP BOTH ENDS 2mm.
- CUT 408.2mm LONG, STRIP 2mm AND 4.75mm.
- 5. CATHODE LEAD: LXP-WST26BLT, 26 AWG, STRANDED, BLACK INSULATION.
 6. SQLDER LEAD WIRES TO LED LEADS. CUT 465mm LONG, STRIP END 2mm AND 4.75mm.
- LXP-RES 1000 $1/2W_1$ 1K OHM 1/2 WATT RESISTOR. TRIM LEADS OF RESISTOR 18mm END TO END
- INSULATE RESISTOR AND CRIMPS WITH HEATSHRINK, $(1/8 \times 1^{\circ} \text{ LONG})$.

REV. \supset

SSI-LXR1612IDQ7511 PART NUMBER CONTREMTIAL INFORMATION

THE INFORMATION CONTRACTO IN THIS PROPERTY OF LUMEX NR. EXCEPT AS SPECIFICALLY AUTHORAZED IN WRITING BY LUMEX INC., THE HAZDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTRACED HEREIN AND DISSEMINATION TO ALL THEIR PROPERTY OF THE MARKET FROM DISCUSSION AND SYSTEMIA AND STREAM PROPERTY OF THE MARKET FROM DISCUSSION AND SYSTEMIA THE PROPERTY OF THE MARKET FROM DISCUSSION AND THE MARKET FROM

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

SSI-LXR1612IDQ7511 PART NUMBER

> REV. \supset

R.CV E.C.N. NUMBER AND REVISION COMMENTS E.C.N. #10735. 5.4.01 DATE

EMITTED COLOR: VIEWING ANGLE AXIAL INTENSITY REVERSE VOLTAGE ELECTRO-OPTICAL CHARACTERISTICS TA=25°C FORWARD VOLTAGE PEAK WAVELENGTH PARAMETER EPOXY LENS FINISH; RED DIFFUSED 50 ₹ 635 (RED) ₹ 24 88 ₹ 28 Vf=24V SIIN ᇟ ₹¥∄ Aس100]=1 iest cond

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	STINU
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	22	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/.c
OPERATING, STORAGE TEMP.	- 40 TO + 85	c
SOLDERING TEMP.	+ 260	റ
2.0mm FROM BODY		3 SEC. MAX
* + / 10.0		

51(n) > 1

*UNIESS OTHERWISE SPECIFIED TOLERANGES PER DECNAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.020), XXX=±0.25 (±0.005). (±0.005). (±0.005). (±0.005), (±0.002) WAX. = +0.DD -DECIMAL PRECISION

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CHECKED <u>8</u> APPROVED BY: DATE: PAGE: 3.27.01 1 OF 1

DRAWN BY:

24 VOLT OPERATION, WITH 18" WIRE LEADS 635nm RED LED, RED DIFFUSED LENS, T-3mm (T-1) LED PANEL INDICATOR,

KS/CT

SCALE