



NOTES:

1. SSL-LX3054UD, RED LED. TRIM LEAD LENGTHS TO 5mm.
2. SSI-LXR1612 CHROME HOUSING.
3. SSH-LXH1612BSC, BUSHING. INSERT AND CRIMP.
4. ANODE LEAD: LXP-WST26BDT, 26 AWG, STRANDED, RED INSULATION. CUT 45mm LONG, STRIP BOTH ENDS 2mm.
5. CATHODE LEAD: LXP-WST26BLT, 26 AWG, STRANDED, BLACK INSULATION. CUT 45mm LONG, STRIP END 2mm AND 4.75mm.
6. SOLDER LEAD WIRES TO LED LEADS.
7. LXP-RES 1000 1/2W, 1K OHM 1/2 WATT RESISTOR. TRIM LEADS OF RESISTOR 18mm END TO END.
8. INSULATE RESISTOR AND CRIMPS WITH HEATSHRINK. (1/8" x 1" LONG).

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=+1 (-0.009), XX=+0.5 (-0.020), XXX=+0.25 (-0.010), XXXX=+0.127 (-0.005), LEAD SIZE=+0.08 (-0.002), LEAD LENGTH=+0.75 (-0.030), MIN= -0.00

REV.

PART NUMBER

SSI-LXR1612IDQ7511

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

PART NUMBER

SSI-LXR1612IDQ7511

REV.

A

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

A E.C.N. #10735.

5.4.01

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C VF=24V

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		24	28	VF	IF=100µA
REVERSE VOLTAGE	5.0			VR	
AXIAL INTENSITY		30		mcd	VF=24V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		RED			
EPOXY LENS FINISH:		RED DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
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	°C
2.0mm FROM BODY		3 SEC. MAX
* t<10µs		

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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.



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APPROVED BY: DATE: 3.27.01

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SCALE: N/A

Mouser Electronics

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