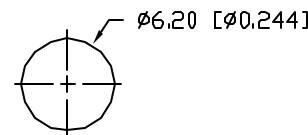


PANEL CUTOUT



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE	3.0		14.0	V_f	
BLINKING FREQUENCY:		1.5		Hz	$V_f=14.0, I_f=70\text{mA}$
		2.5		Hz	$V_f=3.0, I_f=6\text{mA}$
AXIAL INTENSITY		10		mcad	$V_f=9.0$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
FORWARD VOLTAGE	14	V
PEAK FORWARD CURRENT	70	mA
POWER DISSIPATION	200	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

NOTES:

1. SSI-LXR1612, CHROME HOUSING.
2. SSL-LX3054BID, BLINKING RED LED. TRIM LEADS TO 5mm.
3. SOLDER WIRE LEADS TO LED LEADS.
4. SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.
5. ANODE LEAD: 26 AWG, STRANDED, RED INSULATION.
CUT 157mm LONG, STRIP END 2mm & 9.5mm.
6. CATHODE LEAD: 26 AWG, STRANDED, BLACK INSULATION.
CUT 157mm LONG, STRIP END 2mm & 9.5mm.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= ^{+DECIMAL PRECISION} -0.00 ^{MAX= +0.00} -DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR1612BID-150

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

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.

DRAWN BY:

GB

CHECKED BY:

APPROVED BY:

DATE: 11.13.02

PAGE: 1 OF 1

SCALE: N/A