ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=34\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		34	36.35	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$V_f=34\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

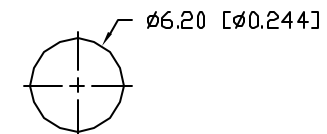
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	36.35	V
STEADY CURRENT	7.3	mA
POWER DISSIPATION	250	mW
DERATE FROM 25°C	-1.6	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

NOTES:

- SSL-LX3054ID, RED LED. TRIM LED LEADS TO 5mm.
- SSI-LXR1612 CHROME HOUSING.
- SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
- ANODE LEAD: LXP-WST26RDT, 26 AWG, STRANDED, RED INSULATION. CUT 48mm LONG, STRIP BOTH ENDS 2mm. CUT 95mm LONG, STRIP 2mm AND 9.5mm.
- CATHODE LEAD: LXP-WST26BLT, 26 AWG, STRANDED, BLACK INSULATION. CUT 157mm LONG, STRIP END 2mm AND 9.5mm.
- SOLDER LEAD WIRES TO LED LEADS.
- LXP-RES 4700 1/4W, 4.7K OHM 1/4W RESISTOR, TRIM LEADS OF RESISTOR 18mm END TO END.
- INSULATE RESISTOR AND CRIMPS WITH HEATSHRINK. (3/32" x 1" LONG).

PANEL CUTOUT



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

REV.

PART NUMBER

SSI-LXR1612ID16615

T-3mm (T-1) LED PANEL INDICATOR,
635nm RED LED, RED DIFFUSED LENS,
4.7K OHM 1/4W RESISTOR, WITH 6" WIRE LEADS.

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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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