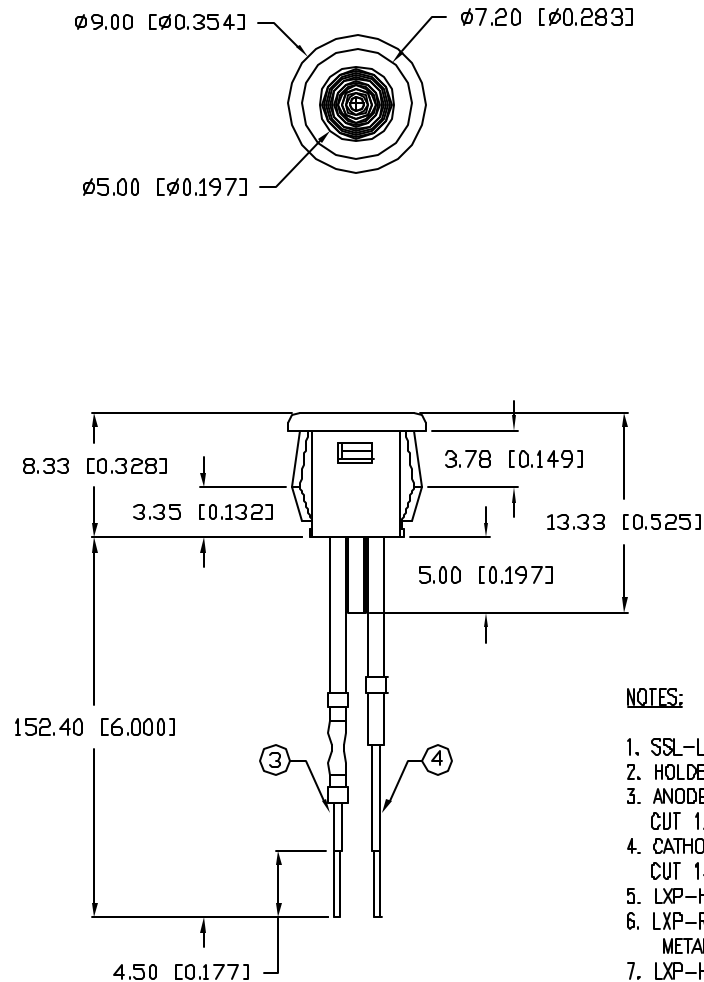




NOTES:

1. SSL-LX4331D LED, UNCUT LEADS.
2. HOLDER: LXP-SSI-387BSH, LXP-SSI-387BZL.
3. ANODE LEAD: LXP-WST24RDTOC STRANDED, CUT 125mm, STRIP 4mm & 9mm.
4. CATHODE LEAD: LXP-WST24BLTOC STRANDED, CUT 135mm, STRIP 4mm & 9mm.
5. LXP-HEATSHRINK-2, 25mm LONG.
6. LXP-RES680 1W, 1 WATT METALOXIDE 680 RESISTOR, CUT 10mm.
7. LXP-HEATSHRINK-4, 32mm LONG..
8. PANEL HOLE CUT OUT: 5/16" DIAMETER.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		24.0	28.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		med	$I_f=20\text{mA}$
VIEWING ANGLE		120		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	30	mA
POWER DISSIPATION	105	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	

* $t < 10\mu\text{s}$

*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}-0.00 MAX.=^{+0.00}-DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXH3871DQ27785

CONFIDENTIAL INFORMATION

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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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T-5 FRESNEL LENS PANEL INDICATOR,
635nm HIGH INTENSITY RED LED, RED DIFFUSED LENS,
WITH 6" WIRE LEADS.

DRAWN BY:

JD

CHECKED BY:

APPROVED BY:

DATE: 12.21.04

PAGE: 1 OF 1

SCALE: N/A