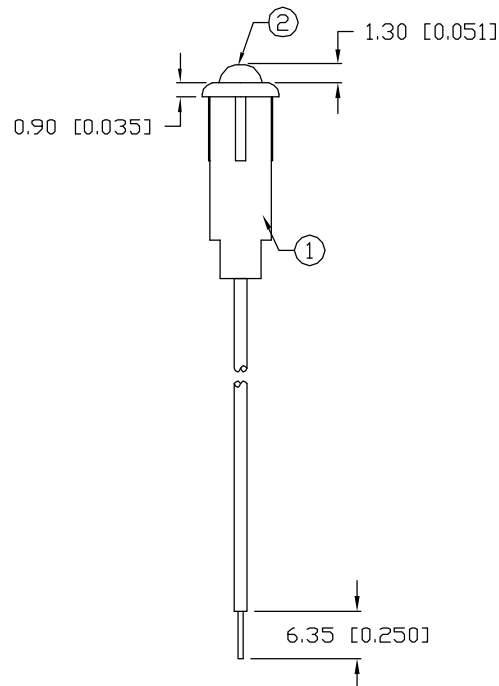
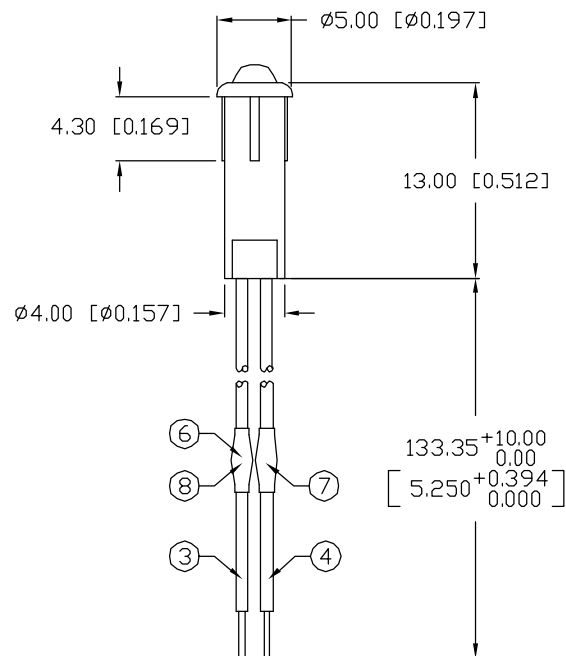


UNCONTROLLED DOCUMENT



NOTES:

1. SSH-LXH3121 HOLDER, BLACK NYLON 94V-0.
2. SSL-LX3044ID LED, LEADS CUT TO 5mm.
3. ANODE LEAD: LXP-WST26RDT0C, RED INSULATED LEAD, 26 AWG, CUT 40mm LONG, STRIP 3.0mm BOTH ENDS, CUT 87mm, STRIP 3.0mm & 6.35mm.
4. CATHODE LEAD: LXP-WST26BLT0C, BLACK INSULATED LEAD, 26 AWG, CUT 60mm LONG, STRIP 3.0mm BOTH ENDS, CUT 67mm, STRIP 3.0mm & 6.35mm.
5. MOUNTING HOLE: $\varnothing 0.170$ "- $\varnothing 0.174$ "
6. DIODE 1N4004, CUT TO 15mm END TO END.
7. 68K Ω 1/2W RESISTOR, CUT TO 15mm END TO END.
8. HEATSHRINK (2 PLS.)

PART NUMBER		REV.
SSI-LXH312ID220135		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10995.	5.29.03

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=220\text{VAC}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		220		V_f	
AXIAL INTENSITY		3		mcd	$V_f=220\text{VAC}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	240	V
POWER DISSIPATION	270	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

*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 -DECIMAL PRECISION

REV.

A

PART NUMBER

SSI-LXH312ID220135

T-3mm LED BLACK PANEL INDICATOR WITH 5" WIRE LEADS,
635nm HIGH INTENSITY RED LED, RED DIFFUSED, 220VAC.

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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