

UNCONTROLLED DOCUMENT

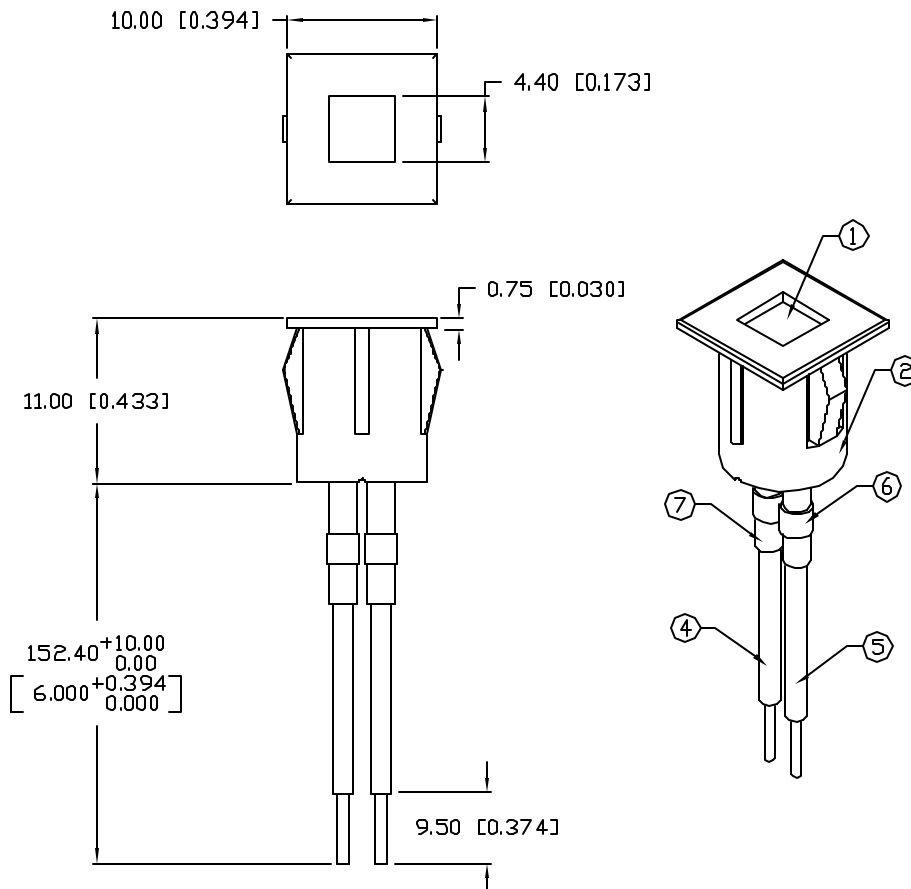
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PART NUMBER

REV.

SSI-LXH55YD-150

PRELIMINARY IN P/N DIR.



NOTES:

1. SSH-LXH55, BLACK NYLON HOLDER.
2. SSL-LX5573YD, YELLOW LED.
3. PANEL CUT OUT: 8.45mm [0.345] SQR.
4. ANODE LEAD: LXP-WST24RDT0C, 24 AWG. TINNED OVERCOAT WIRE, RED INSULATION, CUT 140mm LONG, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLT0C, 24 AWG. TINNED OVERCOAT WIRE, BLACK INSULATION, CUT 140mm LONG, STRIP 3mm & 9.5mm.
6. CRIMP WIRE LEADS TO LED LEADS.
7. 32mm 1/16" BLACK HEAT SHRINK TUBING. (2 PCS.)

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

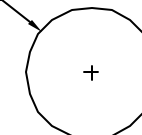
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	35	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	110	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0 mm FROM BODY	5 SEC. MAX	

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

PANEL CUTOUT:

Ø8.74 [Ø0.344]



Ø8.50 [Ø0.335]

*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.=+0.00/-0.00, MAX.=+0.00/-0.00

REV.

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SSI-LXH55YD-150

5mm x 5mm 585nm YELLOW LED, PANEL INDICATOR,
YELLOW DIFFUSED LENS, 6" WIRE LEADS.

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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY:

GT

CHECKED BY:

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PAGE: 1 OF 1

SCALE: N/A