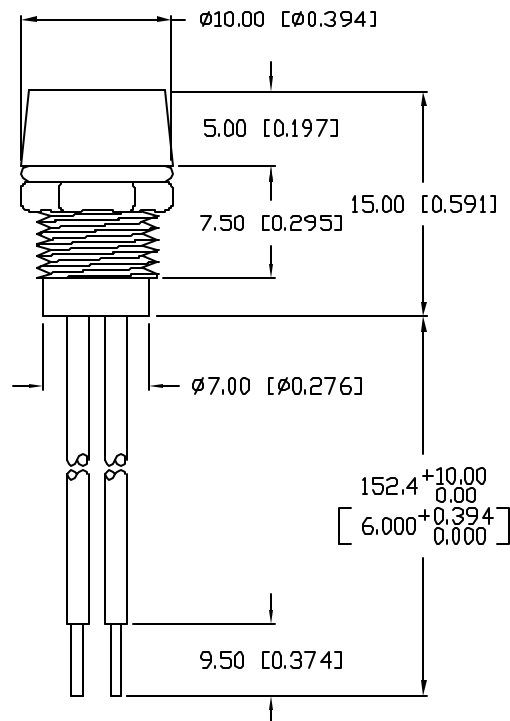
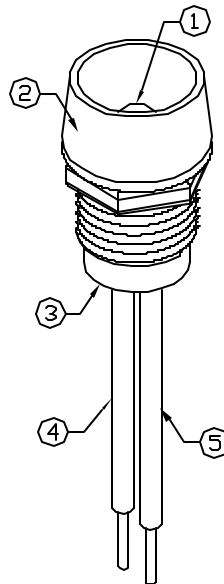


UNCONTROLLED DOCUMENT

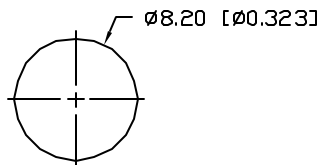


NOTES:

1. SSL-LX5083YD-5V, YELLOW LED. TRIM LEADS TO 5mm.
2. SSI-LXR4815, CHROME HOUSING.
3. SSH-LXH4815BSC, BLACK NYLON BUSHING. (NOT SEEN)
4. ANODE LEAD: LXP-WST24RDTQC, RED INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLTQC, BLACK INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.



PANEL CUTOUT

PART NUMBER
SSI-LXR4815YD5V150REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10674.	10.30.00
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	11.20.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=5\text{ V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		5.0	7.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$V_f=5\text{ V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

*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.

B

PART NUMBER

SSI-LXR4815YD5V150

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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

B

T-5mm 585nm YELLOW LED PANEL INDICATOR LED,
YELLOW DIFFUSED LENS, WITH 6" WIRE LEADS, 5 VOLTS.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 12.19.95

PAGE: 1 OF 1

SCALE: N/A