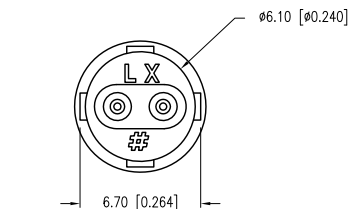
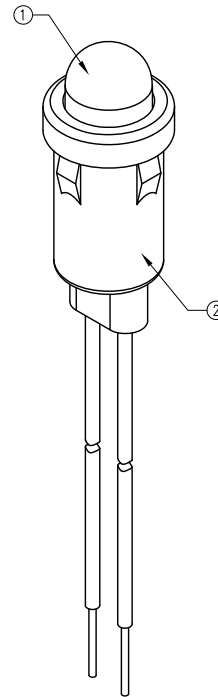
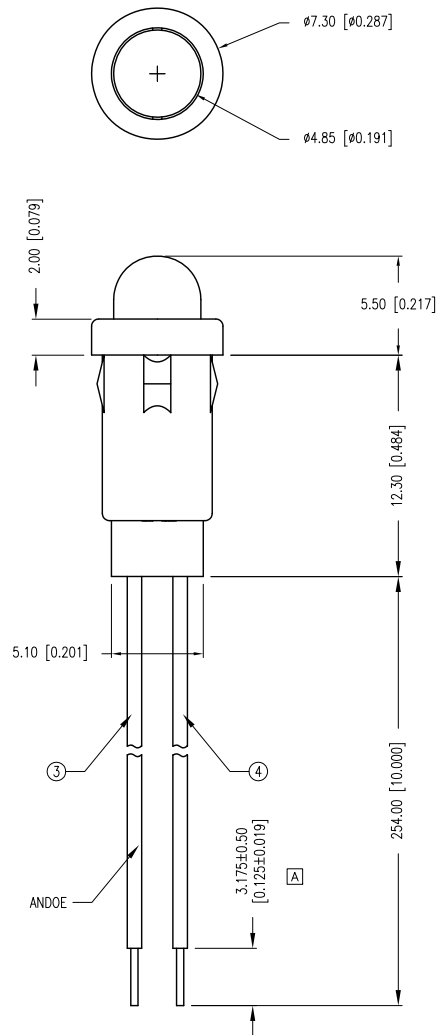


PART NUMBER	SSI-LXH600USB47518	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.30.13	E.C.N. #11878.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		470		nm
FORWARD VOLTAGE		3.6	4.2	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		300		mcd
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	BLUE			
EPOXY LENS FINISH:	BLUE 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 TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX
* $t < 10\mu\text{s}$		

NOTES:

- SSL-LX509F3USBD LED.
- SSH-LXH600 HOLDER, BLACK.
- ANODE LEAD: LXP-WST24RDT0C, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 264mm LONG, STRIP 3.175mm BOTH ENDS.
- CATHODE LEAD: LXP-WST24BLT0C, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 264mm LONG, STRIP 3.175mm BOTH ENDS.

PANEL HOLE: $\phi 0.250"$
PANEL THICKNESS: 0.030" MIN.

*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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION MAX= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION UNCONTROLLED DOCUMENT



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

T-5mm LED PNL MOUNT INDICATOR, 470nm BLUE LED BLUE DIFFU'D LENS, W/ 0.125" STRIPPED ENDS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	08.27.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	N/A	APRVD BY:	--
UNIT:	mm [INCH]		(Pb)