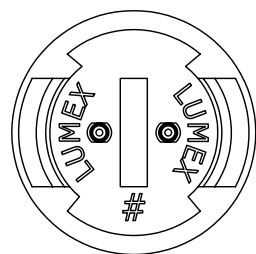
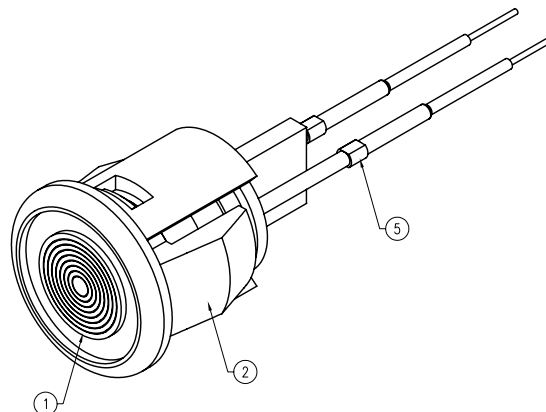
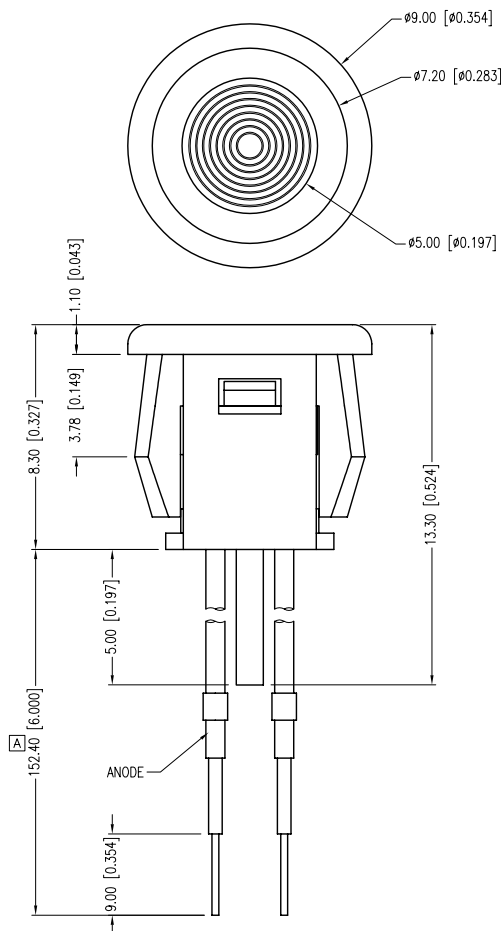


PART NUMBER	SSI-LXH387GD-150	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
01.04.12	E.C.N. #11794, #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		60		mcd	If=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* t<10µS

NOTES:

1. SSL-LX433GD LED.
2. HOLDER: LXP-SSI-387BSH, LXP-SSI-387BZL.
3. ANODE LEAD: LXP-WST24RDT0C STRANDED, CUT 135mm, STRIP 4mm & 9mm.
4. CATHODE LEAD: LXP-WST24BLT0C STRANDED, CUT 135mm, STRIP 4mm & 9mm.
5. CRIMP LEADS EXTERNAL TO HOUSING. HEAT SHRINK OVER CRIMP-2 PLS.
6. PANEL HOLE CUT OUT: 5/16" DIAMETER.

*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

UNCONTROLLED DOCUMENT



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565nm GREEN LED, GREEN DIFFUSED LENS, WITH 6" WIRE LEADS.

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

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DATE:	01.04.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓢ

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