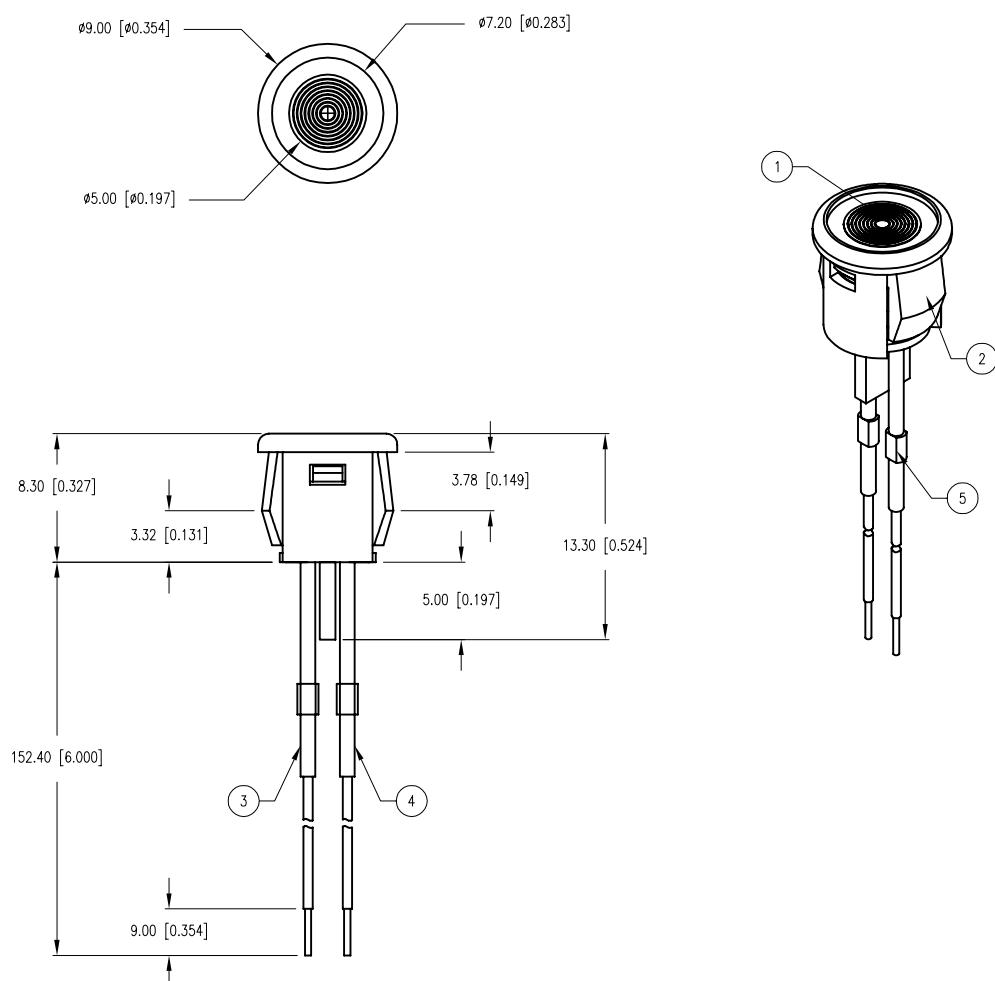


PART NUMBER	SSI-LXH387SID-150	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	636			nm
FORWARD VOLTAGE		2.0	2.5	V_f
REVERSE VOLTAGE		5.0		V_r
AXIAL INTENSITY		60		mcd
VIEWING ANGLE		120		2x theta
EMITTED COLOR:	RED			
EPOXY LENS FINISH:	RED 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	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

NOTES:

1. SSL-LX433SID LED.
2. HOLDER: LXP-SSI-387BSH, LXP-SSI-387BZL.
3. ANODE LEAD: LXP-WST24RDTOC STRANDED, CUT 135mm, STRIP 4mm & 9mm.
4. CATHODE LEAD: LXP-WST24BLTOC 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= $-\text{0.00}$ MAX= $+\text{0.00}$ $+\text{DECIMAL PRECISION}$ $-\text{DECIMAL PRECISION}$

UNCONTROLLED DOCUMENT

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