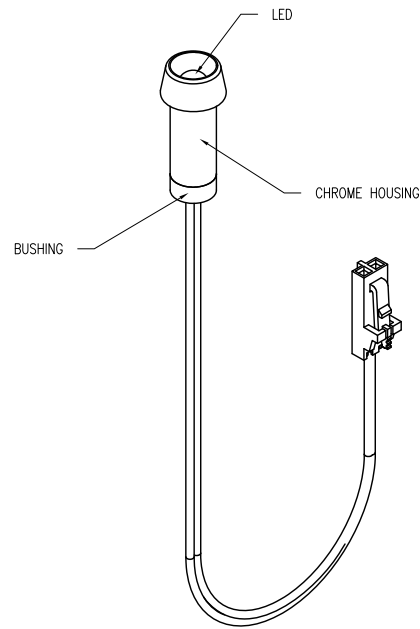
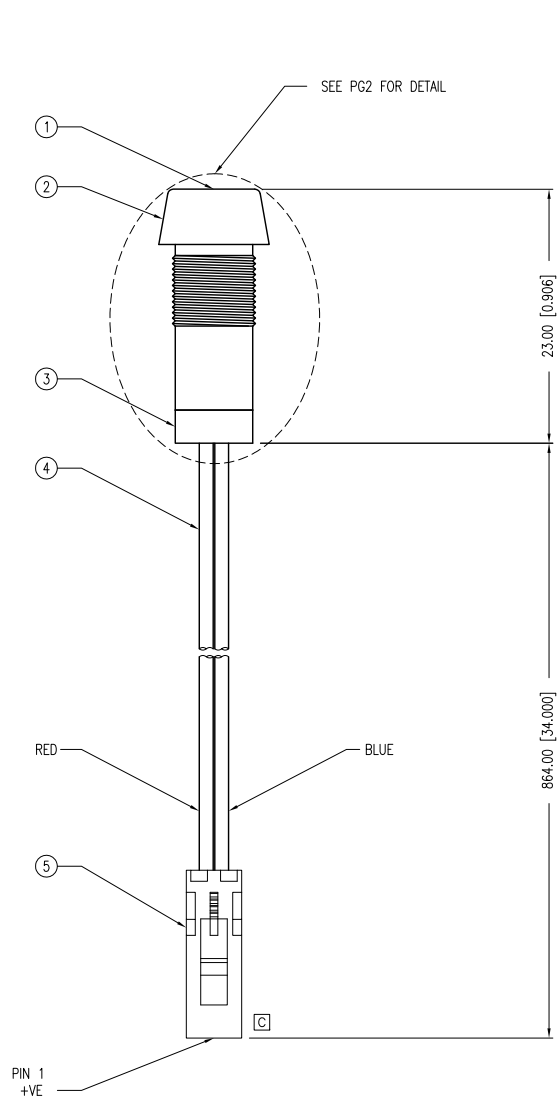


PART NUMBER	SSI-LXR9126SIC-864	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.30.12	E.C.N. #11818.		A
05.22.12	E.C.N. #11823.		B
08.20.12	E.C.N. #11832.		C



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		1800		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		30		$2x$ theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR LENS				

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

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

[B] [A] NOTES:

1. SSL-LX5093SIC.
2. SSI-LXR9126 CHROME HOUSING
3. SSH-LX9126BBSG-280.
4. 24AWG UL1569, 105°C STRANDED WIRE (RED & BLUE).
5. MOLEX CONNECTOR 50-57-9402, TERMINAL PART #16-02-0086.

*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.= $^{+0.000}_{-0.000}$ DECIMAL PRECISION MAX.= $^{+0.000}_{-0.000}$ DECIMAL PRECISION

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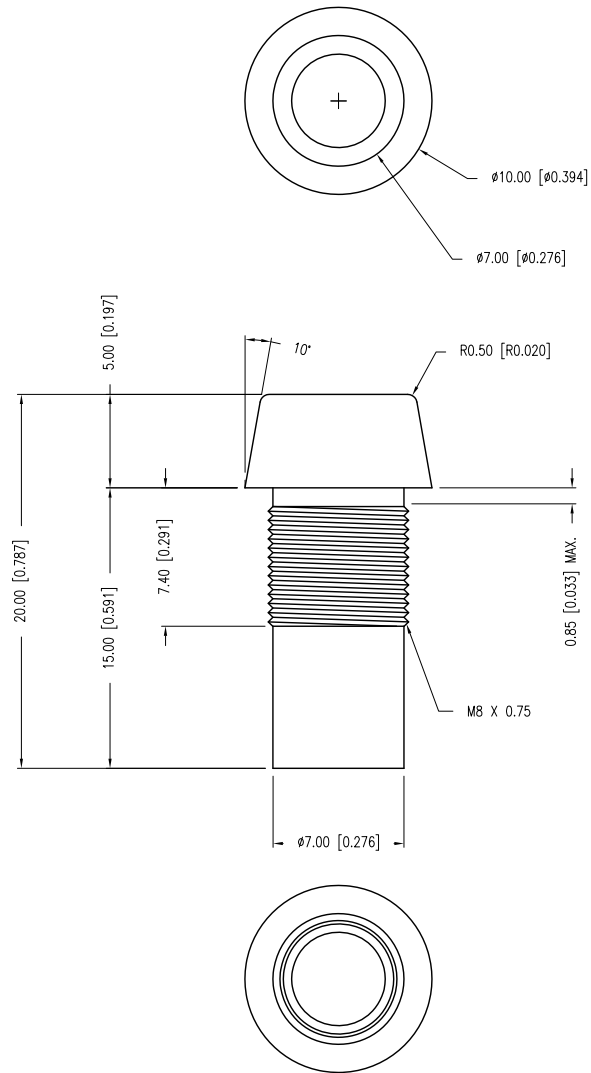
T5mm 636nm RED LED PANEL INDICATOR, WATER CLEAR LENS, 34" WIRE LEADS, W/CONNECTOR.

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

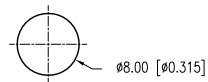
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DATE:	12.15.10	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		(P6)

PART NUMBER	SSI-LXR9126SIC-864	REV.	C
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PANEL CUTOUT



*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 _{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT



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