

PART NUMBER	SSI-LXR9126SIC-280	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.30.12	E.C.N. #11818.		A
5.22.12	E.C.N. #11823.		B
08.20.12	E.C.N. #11832.		C
03.13.13	E.C.N. #11854.		D

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	$I_r=100\mu\text{A}$
AXIAL INTENSITY		1800		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		30		$2\times\theta$	
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
* $t < 10\mu\text{s}$		

D B A NOTES:

1. SSL-LX5093SIC.
2. SSI-LXR9126 CHROME HOUSING
3. SSH-LX9126BSG-280.
4. 24AWG UL1569, 105°C STRANDED WIRE (RED & BLUE).
5. MOLEX CONNECTOR 50-57-9402, TERMINAL PART #16-02-0086.
6. PART TO BE ASSEMBLED AND POTTED LIKE SSI-LXR9126SIC 110V.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION

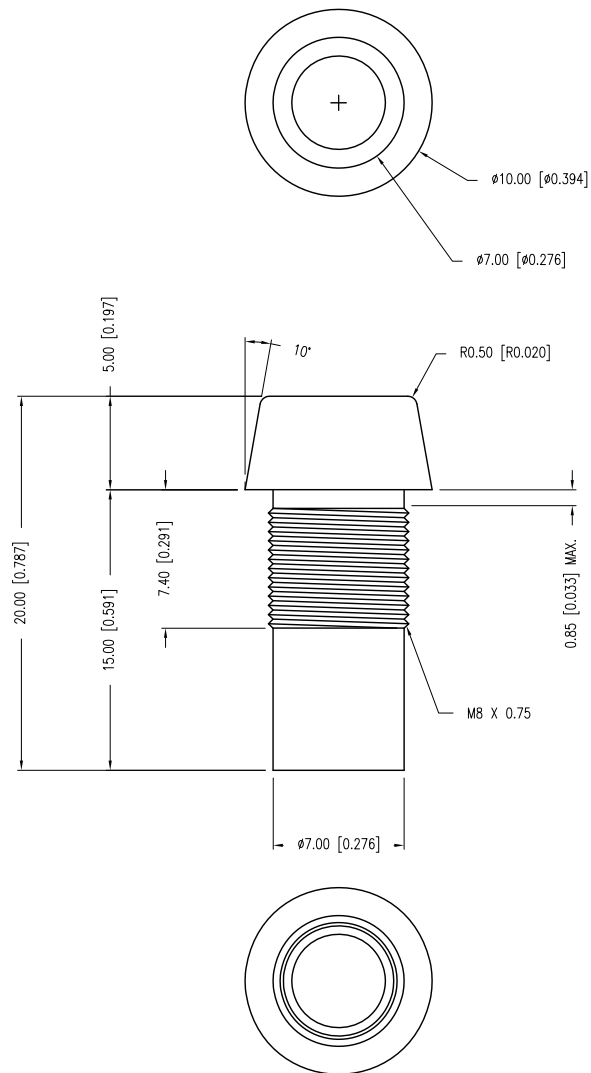
UNCONTROLLED DOCUMENT

T5mm 636nm RED LED PANEL INDICATOR, WATER CLEAR LENS, 11" WIRE LEADS, W/CONNECTOR.

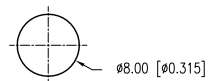
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PANEL CUTOUT



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