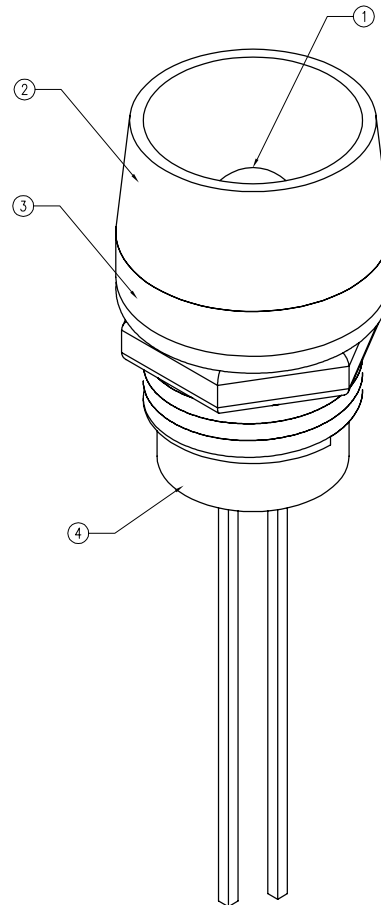
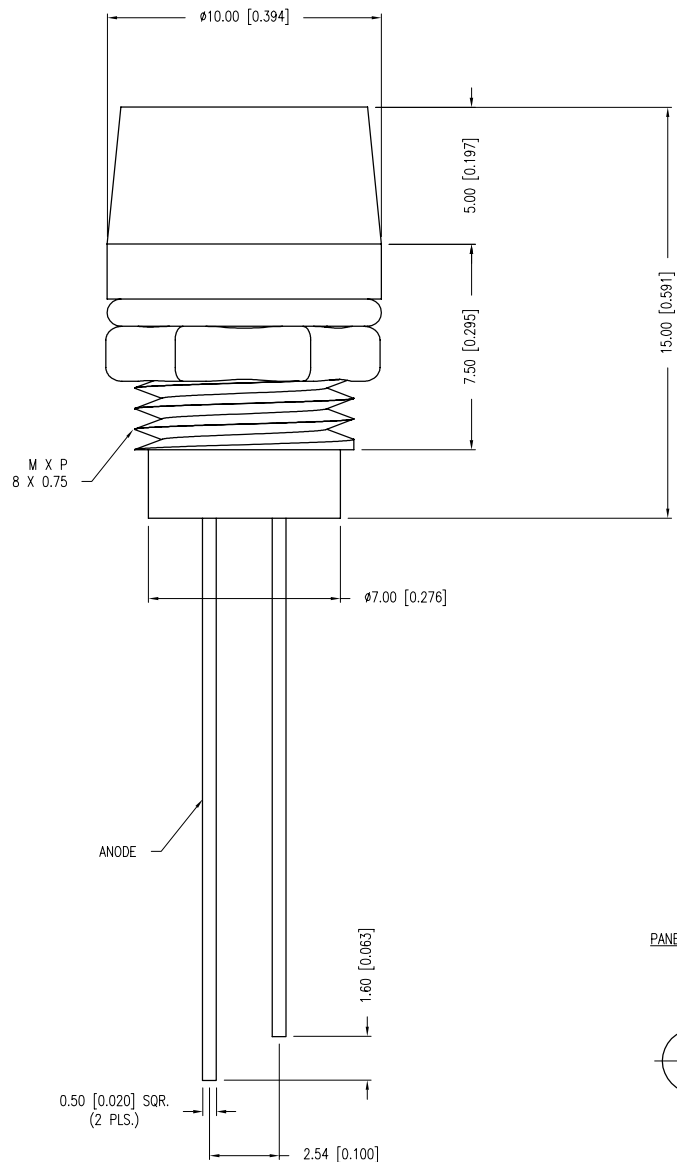


UNDER REVISION

PART NUMBER	SSI-LXR4815ID-WR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.30.00	E.C.N. #10674.		A
01.10.02	E.C.N. #10BRDR. & REDRAWN.		B



ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		635		nm
FORWARD VOLTAGE		2.0	2.5	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		40		mcd
VIEWING ANGLE		60		$2\times$ 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	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:

- [A] 1. SSL-LX5063ID, RED LED.
 2. SSI-LXR4815, CHROME HOUSING.
 3. LXP-WA-3816, RUBBER GASKET.
 4. SSH-LXH4815BSG, BLACK NYLON BUSHING. (NOT SEEN)
 5. THREAD LEADS THROUGH BUSHING, INSERT INTO HOUSING, BACKFILL WITH SILICON ADHESIVE, INSERT BUSHING INTO HOUSING, CRIMP INTO PLACE.
 6. WATER RESISTANT PER NEMA STANDARD 250, SECTION 6.7.

*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 MAX.= +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 635nm RED PANEL INDICATOR LED, RED DIFFUSED LENS, SPLASH RESISTANT.

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

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DATE:	07.01.98	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	--
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		(Pb)

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