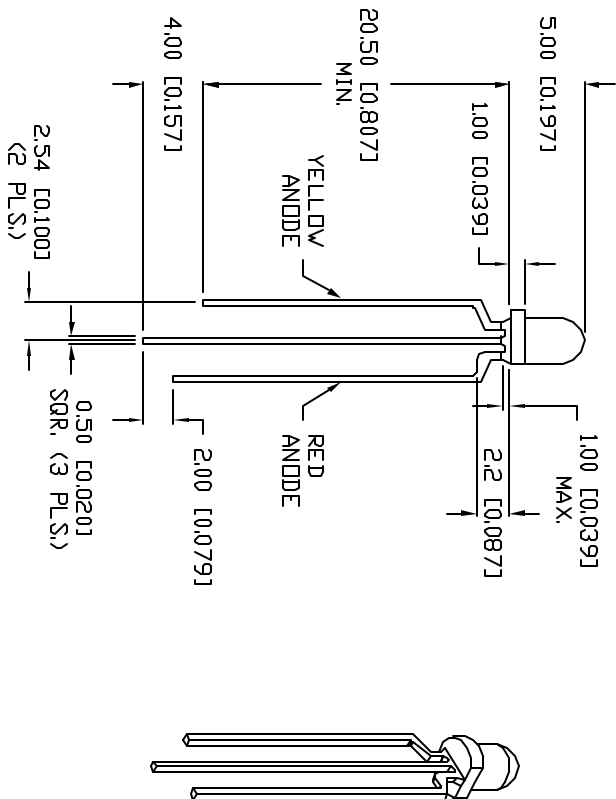
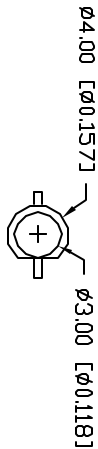




ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C I _F =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED) 590 (YELLOW)		nm	
FORWARD VOLTAGE (V _F)		2.0/2.1	2.5/2.5	V _F	I _F =100μA
REVERSE VOLTAGE		5.0		V _R	I _F =20mA
AXIAL INTENSITY		250		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		RED/YELLOW			
EPOXY LENS FINISH:		MILKY WHITE			

LIMITS OF SAFE OPERATION AT 25°C				
PARAMETER	COLORS	MAX	UNITS	
PEAK FORWARD CURRENT*		150	mA	
STEADY CURRENT	(R/Y)	30/30	mA	
POWER DISSIPATION		100	mW	
DERATE FROM 25°C		-1.6	mW/°C	
OPERATING, STORAGE TEMP.		-40 TO +85	°C	
SOLDERING TEMP.		+260	°C	
2.0mm FROM BODY			3 SEC. MAX	

* t<10μs

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

UNCONTROLLED DOCUMENT

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	RELIABILITY NOTE	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
	SSL-LX3059SISYW	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	BC			4.20.01
	T-3mm TRI-LEADED LED, BICOLOR LED, SUPER HIGH INTENSITY RED, SUPER YELLOW, COMMON CATHODE, MILKY WHITE DIFFUSED LENS.						PAGE: 1 OF 1 SCALE: N/A



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