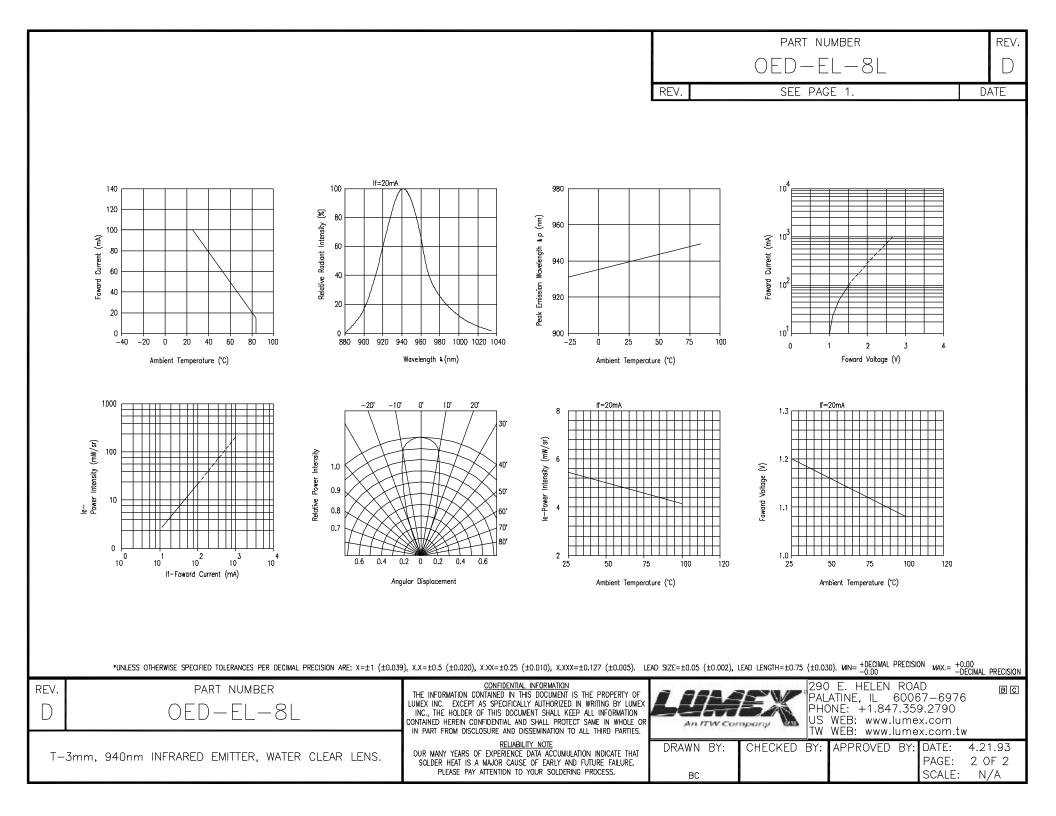
		part number OED-EL-8L						REV.
								D
	ľ	REV. E.C.N. I	NUMBER	AND RE	VISION C		S [	DATE
	Ĩ	A E.C.N. j	#10247.				9.	30.96
		B E.C.N. j	#10BRDR	•			1.	.7.98
		C E.C.N. ;	#10BRDR	. & REI	DRAWN II	N 3D.	12.	.31.02
		D E.C.N. ;	#11561.				3.1	23.09
0 Ø4.00 [Ø0.157]								
(+)								
Ø3.00 [Ø0.118]	-	ELECTRO-OPTICAL C				=20mA		
			MIN	TYP	MAX	UNITS	TEST CON	
		PEAK WAVELENGTH SPECTRAL BANDWIDT	н	940 45		nm nm		
		FORWARD VOLTAGE		1.2	1.5	Vf	lf=20mA	
				1.4*	1.8*	Vf	lf=100mA	
1 . ( ) 5.20 [0.2	0510			2.6*	4.0*	Vf	lf=1A	
		REVERSE VOLTAGE			5.0	Vr 	I <sub>r</sub> =10µA	
1.00 [0.039]		RADIANT INTENSITY	4.0	5.6 35*		mW/SR mW/SR	lf=20mA lf=100mA	
				390*		mW/SR	lf=1A	
回1.50 [0.059] _		HALF ANGLE		±17.5		degrees	$\Pi = \Pi \chi$	
		EPOXY LENS FINISH:	WATER CL	EAR		-		
		* tp<100 <b>µ</b> S, TP/T=	1%					
26.40 [1.( MIN.		LIMITS OF SAFE OPE		ን5•ሮ				
	_	PARAMETER		23 6	МАХ		UNITS	
	-	PEAK FORWARD CUR	RENT*		1		A	
	S	STEADY CURRENT			100		mA	
L.00 [0.039]		POWER DISSIPATION			150		mW	
		DERATE FROM 25°C			-1.6	_	mW/'C	
0.50 [0.020]		OPERATING TEMP. STORAGE TEMP.			-40 TO +8 -40 TO +8		°C •C	
SQR. (2 PLS.)		SOLDERING TEMP.		_	+ 260	J	ں ℃	
2.54 [0.100]		2.0mm FROM BODY			1 200		3 SEC. MAX	
		* tp<100µS, tp/T=^	1%					
							Rb	
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm$ 1 ( $\pm$ 0.0.	39), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD	AD SIZE=±0.05 (±0.002), L	EAD LENGTH=±	0.75 (±0.030)	). MIN= +DECIM	ial precision		PRECISION
REV. PART NUMBER	CONFIDENTIAL INFORMATION				E. HELE			BC
	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX	Liilá	EX	PALA	TINE, IL	60067 347.359.2	-6976	
D OED-EL-8L	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 THRU PARTIES.	An ITW Cor	npany	US V	NEB: ww	w.lumex.«	com	
T-3mm, 940nm INFRARED EMITTER, WATER CLEAR LENS.	IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.	DRAWN BY:	CHECKE		APPROVE		ATE: 4.2	21.93 OF 1
	PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	BC						∖/A



## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex: OED-EL-8L