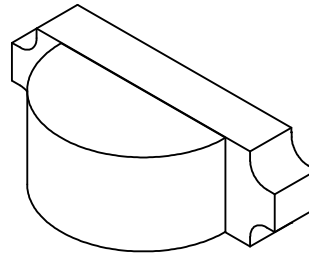
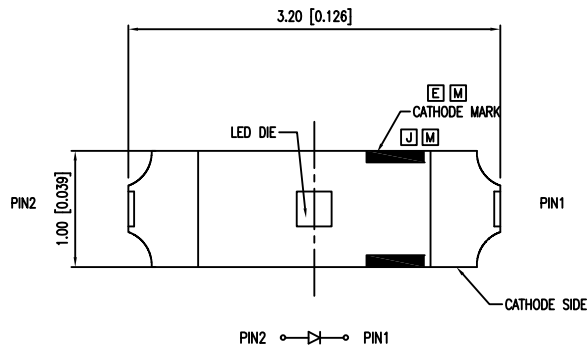
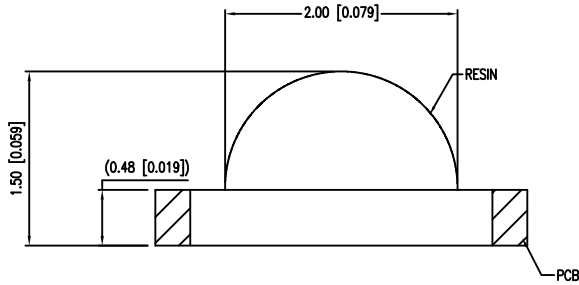


PART NUMBER	SML-LXR85YC-TR	REV.	M
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.23.96	E.C.N. #10230.		A
10.24.96	E.C.N. #10263.		B
05.02.97	E.C.N. #10338.		C
07.22.97	E.C.N. #10366.		D
09.19.97	E.C.N. #10380.		E
10.15.97	E.C.N. #10BRDR.		F
03.05.98	E.C.N. #10419.		G
10.23.98	E.C.N. #10471.		H
07.18.00	E.C.N. #10644.		I
07.30.01	E.C.N. #10BRDR.		J
08.12.05	E.C.N. #11248.		K
03.18.11	E.C.N. #10BRDR.		L
10.23.16	ECN-Lumex201600075		M



ELECTRO-OPTICAL CHARACTERISTICS TA =25°C					
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		583		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	If=20mA
REVERSE VOLTAGE			5.0	Vr	Ir=10μA
LUMINOUS INTENSITY		7.15		mcd	If=20mA
VIEWING ANGLE(X)		140		2x theta	
VIEWING ANGLE(Y)		116		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

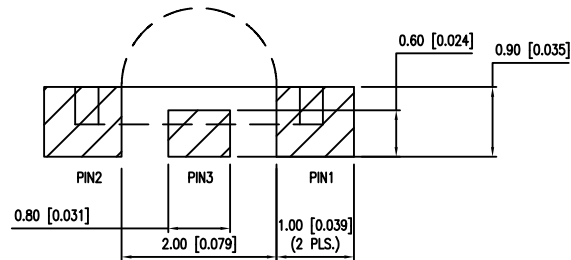
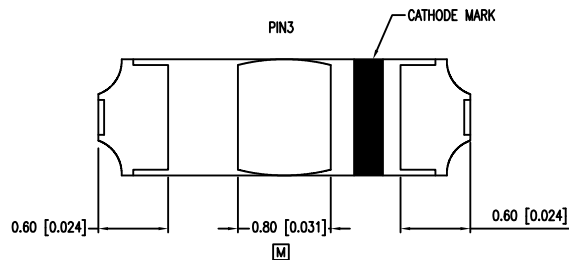


LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	SYMBOL	MAX	UNITS
PEAK FORWARD CURRENT**	IP	40	mA
FORWARD CURRENT	IF	20	mA
POWER DISSIPATION	PD	48	mW
OPERATING TEMP.	TOPR	-40 TO +85	°C
STORAGE TEMP.	TSTG	-40 TO +100	°C

* t<10μs

RECOMMENDED SOLDER PAD LAYOUT

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS



PIN2 PIN1

*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= +DECIMAL PRECISION



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0.5mm x 3.2mm PCB, RIGHT ANGLE SURFACE MOUNT LED, 585nm, YELLOW WATER CLEAR LENS, 3K PER REEL.

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

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DATE:	10.24.16	DRAWN BY:	KY
PAGE:	1 OF 2	CHKD BY:	GY
SCALE:	NTS	APRVD BY:	RC
UNIT:	mm [INCH]		Ⓟ