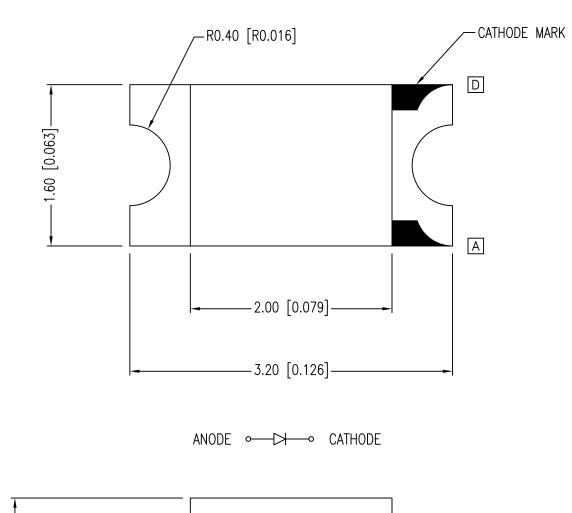
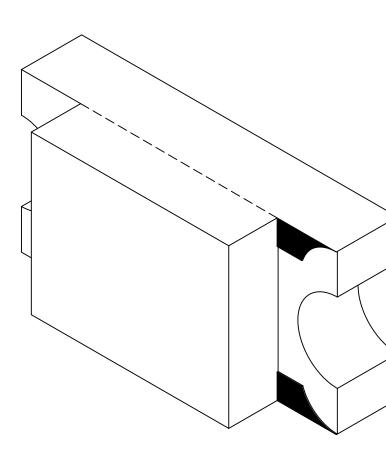
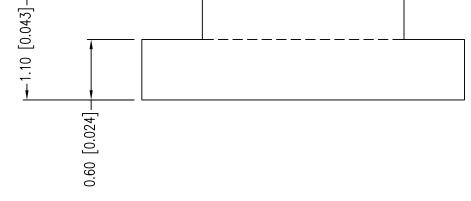
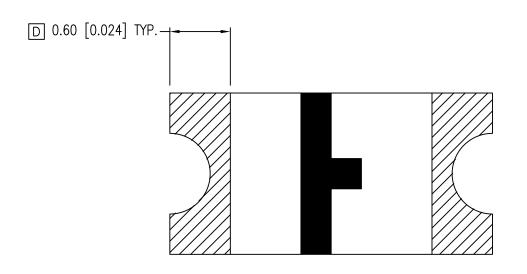
## UNCONTROLLED DOCUMENT

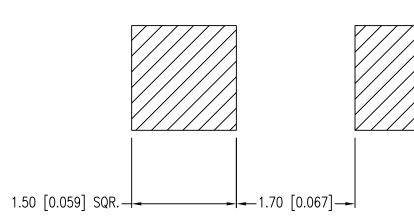








D RECOMMENDED SOLDER PAD LAYOUT



\*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 (±0.030). MIN=  $\frac{+DECIMAL}{-0.00}$  MAX.=  $\frac{+0.00}{-DECIMAL}$  PRECISION MAX.=  $\frac{+0.00}{-DECIMAL}$  PRECISION MAX.=  $\frac{+0.00}{-DECIMAL}$  PRECISION MAX.=  $\frac{+0.00}{-DECIMAL}$  PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\frac{+DECIMAL}{-0.00}$  PRECISION MAX.=  $\frac{+0.00}{-DECIMAL}$  PRECIS



 425 N. GARY AVE CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2150 WEB: WWW.LUMEX.COM :0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.0

QUASARBRITE 3.2mm x 1.6mm PCB SURFACE MOUNT LED,

## \*\*THE SPECIFICATIONS MAY CHANGE AT

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	PART NUMBER	SML-LX1206AW-TR rev.	Н
ſ	DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
	12.03.01	E.C.N. #10814.	A
	03.14.03	E.C.N. #10967.	В
	01.20.05	E.C.N. #11148.	С
	01.02.08	E.C.N. #11466.	D
	03.09.09	E.C.N. #11508.	E
	07.19.10	E.C.N. #11644.	F
	04.20.11	E.C.N. #10BRDR & REDRAWN.	G
	11.18.19	ECN-Lumex201900133	Н
		•	•

ELECTRO-OPTICAL	CHARACTERISTICS Ta	=25°C lf=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100µA
AXIAL INTENSITY		6		mcd	lf=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	AMBER				
LENS FINISH:	MILKY WHITE DIF	FUSED			

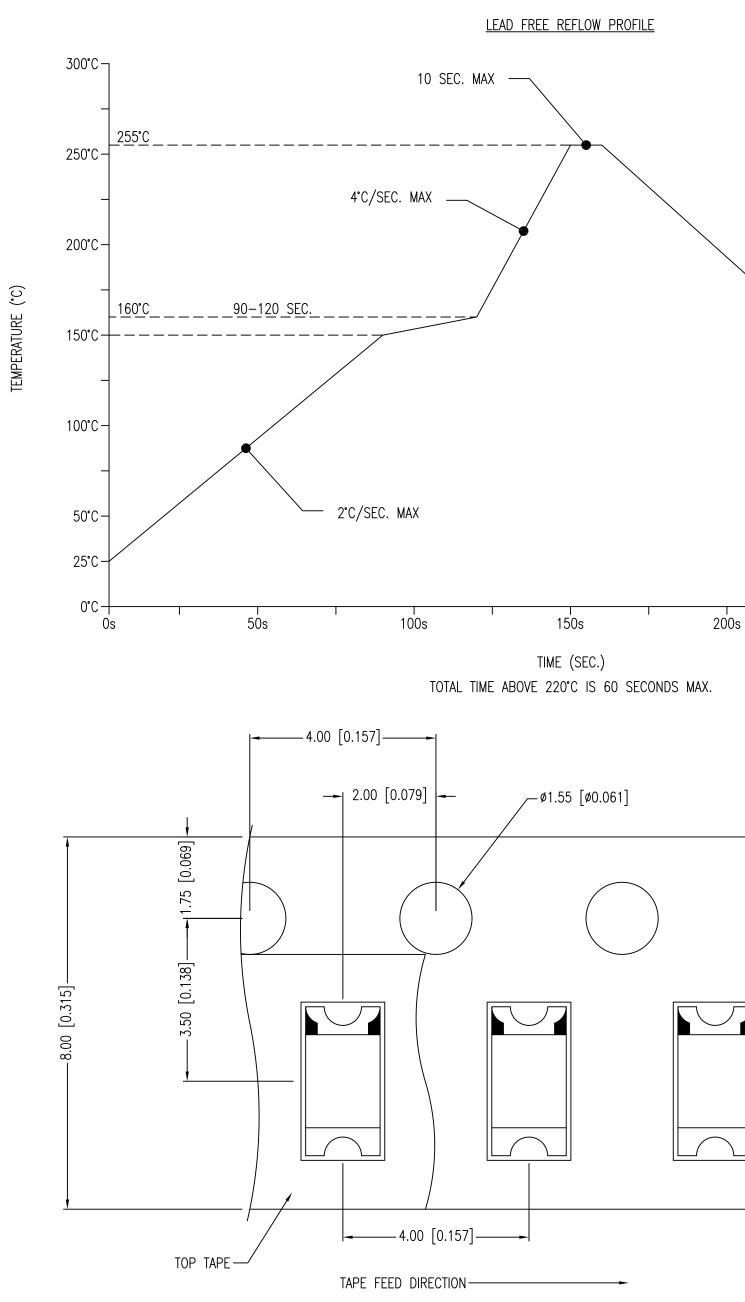
LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	65	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
* t<10uS		

¥	t<	1	0	μS	
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ΗE	CAUTION: MOISTURE SENSITIVE DEVICE
	PER JEDEC LEVEL 2a STANDARDS

$= -0.00 \qquad \text{Wrv} = -\text{Decimal Precision}$	DIVC	ONTAOLL	ED DOCOM	$/ \square / V /$
610nm AMBER, MILKY WHITE DIFFUSED, TAPE & REEL.	DATE:	11.18.19	DRAWN BY:	C.S.
T ANY TIME WITHOUT NOTICE.**	PAGE:	1 OF 2	CHKD BY:	E.C.
ORMATION	SCALE:	NTS	APRVD BY:	G.Y.
<u>RMATION</u> IFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL OLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	UNIT:	mm [INCH]	Ŕ	

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@ 425 N. GARY AVE CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2150 WEB: WWW.LUMEX.COM

QUASARBRITE 3.2mm x 1.6mm PCB SURFACE MOUNT LED,

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8.19	ECN-Lumex201900133		Н
	NUMBER ATE D3.01 14.03 20.05 D2.08 D9.09 19.10 20.11 18.19	ATE   E.C.N. NUMBER AND REVISION COMMENTS     03.01   E.C.N. #10814.     14.03   E.C.N. #10967.     20.05   E.C.N. #11148.     02.08   E.C.N. #11466.     09.09   E.C.N. #11508.     19.10   E.C.N. #11644.     20.11   E.C.N. #10BRDR & REDRAWN.	ATE E.C.N. NUMBER AND REVISION COMMENTS   03.01 E.C.N. #10814.   14.03 E.C.N. #10967.   20.05 E.C.N. #11148.   02.08 E.C.N. #11466.   09.09 E.C.N. #11508.   19.10 E.C.N. #11644.   20.11 E.C.N. #10BRDR & REDRAWN.

250s 300s



NOTES:

1. THE CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

LEAD LENGTH= $\pm 0.75 (\pm 0.030)$ . MIN= $\begin{array}{c} + \text{DECIMAL PRECISION} \\ -0.00 \end{array}$ MAX.= $\begin{array}{c} +0.00 \\ - \text{DECIMAL PRECISION} \end{array}$	UNC	ONTROLL	ED DOCUN	1ENT
610nm AMBER, MILKY WHITE DIFFUSED, TAPE & REEL.	DATE:	11.18.19	DRAWN BY:	C.S.
T ANY TIME WITHOUT NOTICE.**		2 OF 2	CHKD BY:	E.C.
		NTS	APRVD BY:	G.Y.
		mm [INCH]	R	

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