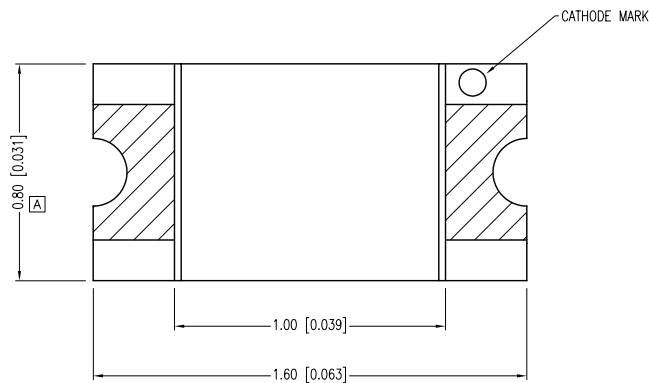
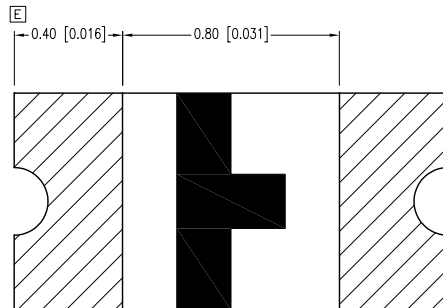
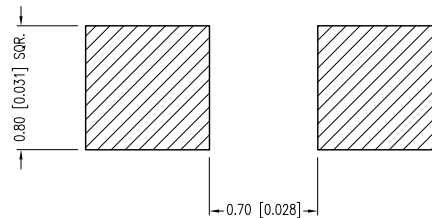




ANODE  CATHODE



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX0603USBW-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.03.02	E.C.N. #10933.		A
03.14.03	E.C.N. #10967.		B
12.07.04	E.C.N. #11148.		C
03.05.09	E.C.N. #11508.		D
11.03.11	E.C.N. #11766/10BRDR. & REDRAWN.		E

E ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.3	3.9	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY	45	112.5		md	If=20mA
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	BLUE				
LENS FINISH:	MILKY WHITE DIFFUSED				

E LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	78	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-30 TO +80	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μs

B D CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

*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} _{-0.00} 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

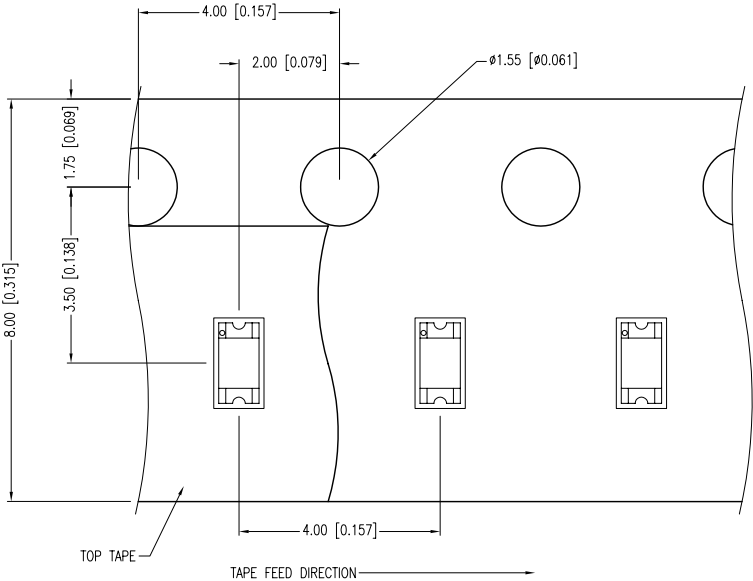
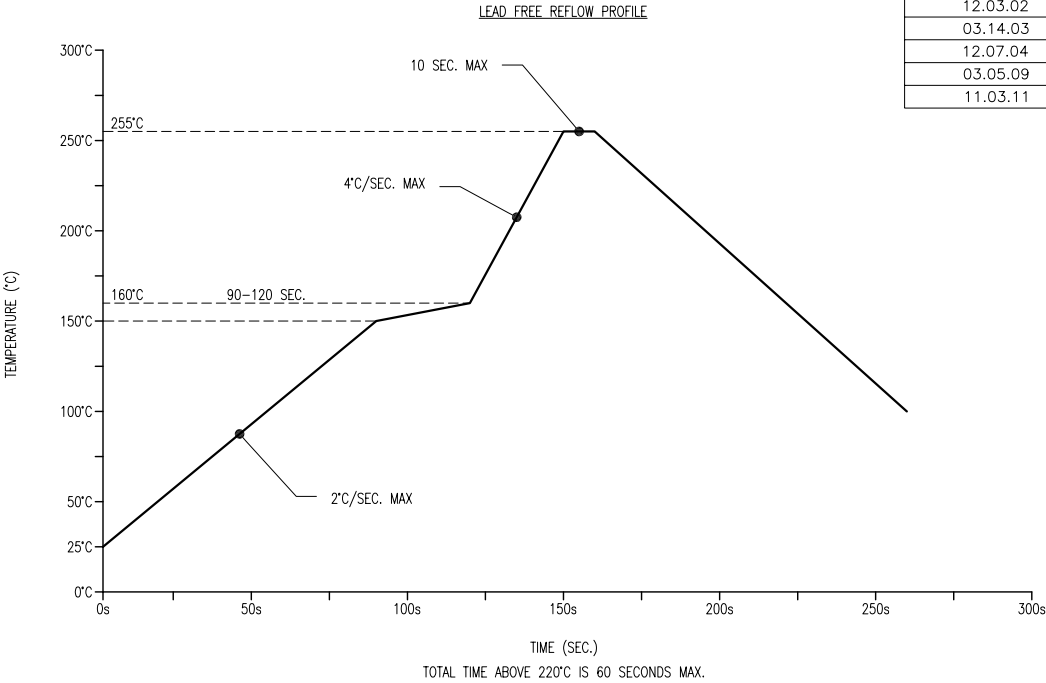
1.6mm x 0.8mm PCB CHIP, SURFACE MOUNT LED,

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

CONFIDENTIAL INFORMATION
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.

DATE:	11.7.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

PART NUMBER	SML-LX0603USBW-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.03.02	E.C.N. #10933.		A
03.14.03	E.C.N. #10967.		B
12.07.04	E.C.N. #11148.		C
03.05.09	E.C.N. #11508.		D
11.03.11	E.C.N. #11766/10BRDR. & REDRAWN.		E



- NOTES:
1. THE CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com