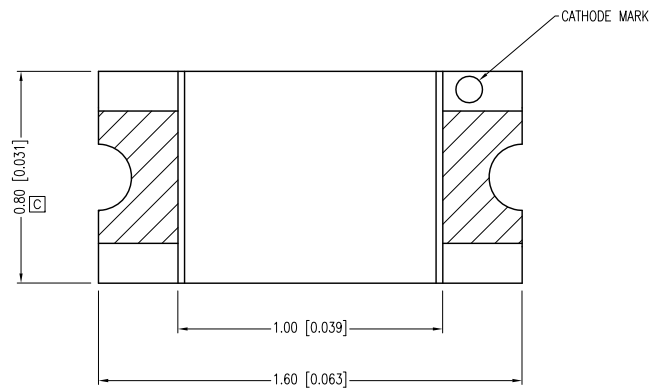
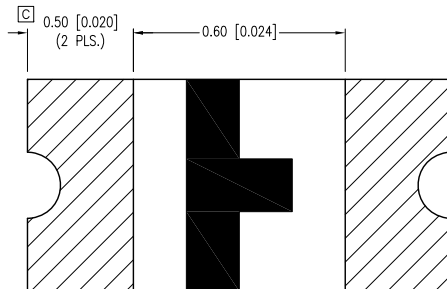
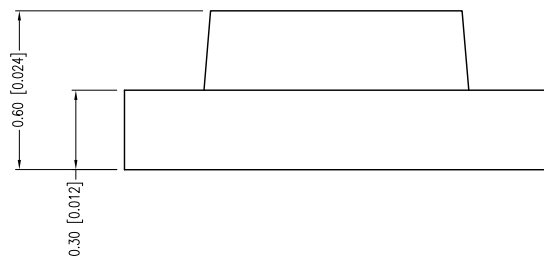
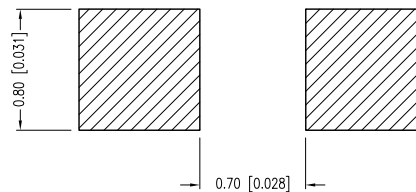




ANODE  CATHODE



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX0603GW-TR	REV.	G
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.30.98	E.C.N. #10BRDR. & REDRAWN.		A
07.18.00	E.C.N. #10644.		B
12.03.02	E.C.N. #10933.		C
03.14.03	E.C.N. #10967.		D
12.06.04	E.C.N. #11148.		E
05.19.08	E.C.N. #11508.		F
09.12.13	E.C.N. #10BRDR. & REDRAWN.		G

[A]

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		18		md	$I_f=20\text{mA}$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	MILKY WHITE DIFFUSED				

[B] LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	50	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-25 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-30 TO +85	$^\circ\text{C}$

* $t < 10\mu\text{s}$

[F] [D]

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

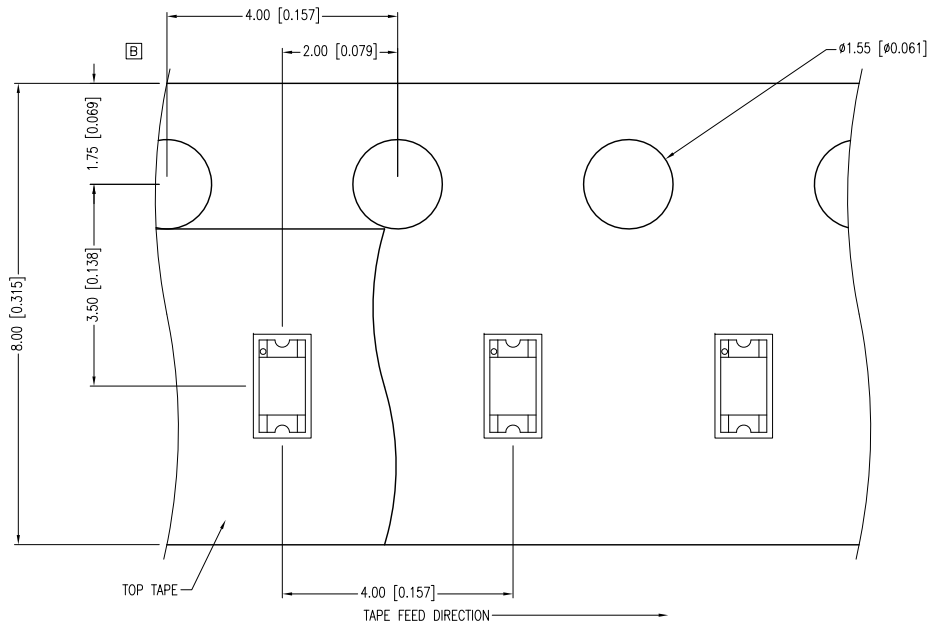
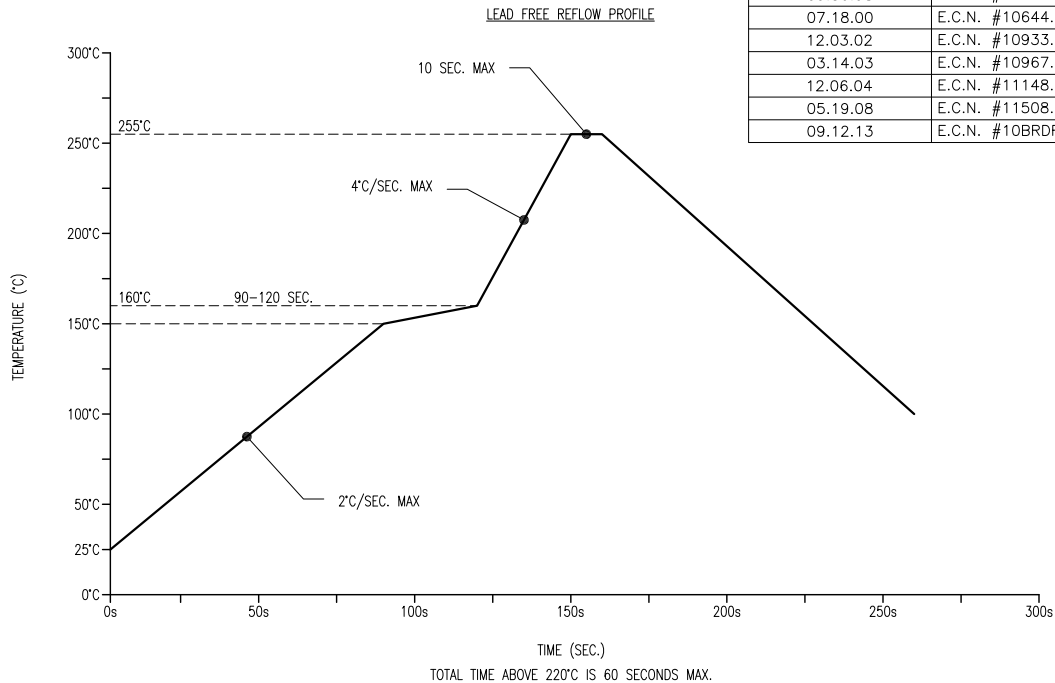
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN.= $^{+0.000}_{-0.000}$ DECIMAL PRECISION MAX.= $^{+0.000}_{-0.000}$ DECIMAL PRECISION

1.6mm x 0.8mm PCB CHIP, SURFACE MOUNT LED, 565nm GREEN LED, MILKY WHITE DIFFUSED LENS.

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

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09.12.13	E.C.N. #10BRDR. & REDRAWN.		G



NOTES:

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