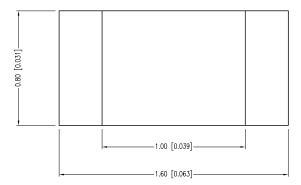
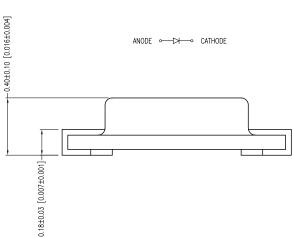
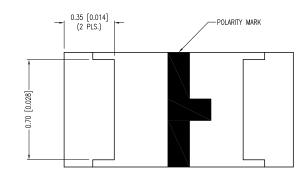
PART NUMBER

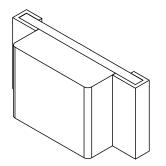
SML-LXFF0603UPGCTR

REV.





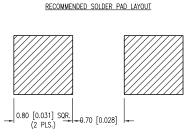




LECTRO-OPTICAL (CHARACTERISTICS Ta=25°C	If=20mA			
ARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		520		nm	
ORWARD VOLTAGE	2.8		3.2	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100μA
XIAL INTENSITY		120		mcd	If=20mA
IEWING ANGLE		120		2x theta	
MITTED COLOR:	GREEN				
ENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	72	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-25 TO +85	•C
STORAGE TEMP.	-30 TO +85	•C
* t<10uS		

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 4 STANDARDS



*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= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.000}$ MAX.= $^{+0.00}_{-0.000}$ PRECISION UNCONTROLLED DOCUMENT



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

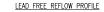
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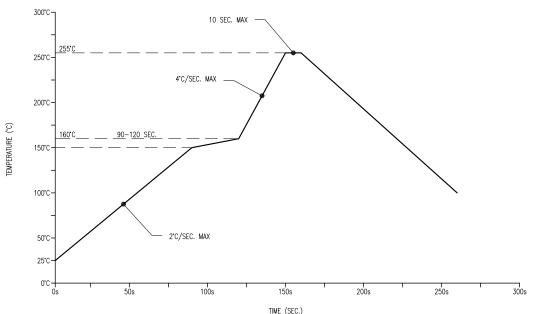
DATE: 02.02.12 DRAWN BY: AB PAGE: 1 OF 2 CHKD BY: DT	
PAGE: 1 OF 2 CHKD BY: DT	
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SCALE: NTS APRVD BY: DT	_
UNIT: mm [INCH]	

PART NUMBER

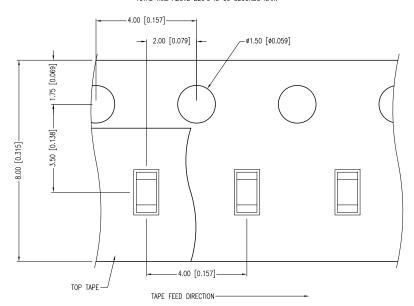
SML-LXFF0603UPGCTR

REV.





TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



NOTE:

1. CATHODE MARK IS ORIENTED TOWARDS TAPE SPROCKET HOLE.

Creating LED and LCD Solutions Together™

*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= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ 425 N. GARY AVE.

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UNCONTROLLED DOCUMENT DATE: 02.02.12 DRAWN BY: AΒ PAGE: 2 OF 2 CHKD BY: DT SCALE: NTS APRVD BY: DT (Pb) UNIT: mm [INCH]