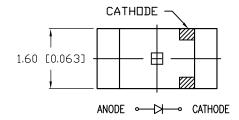
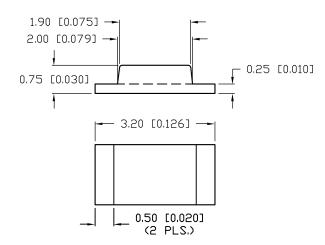
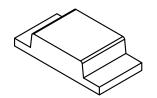
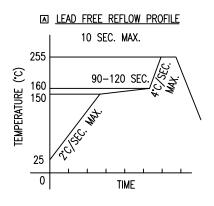
UNCONTROLLED DOCUMENT

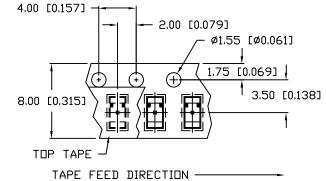


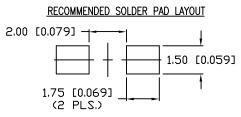






TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.





PART NUMBER

SML-LXFT1206UPGCTR

E.C.N. NUMBER AND REVISION COMMENTS DATE E.C.N. #10967. 3.14.03 E.C.N. #11148. 3.2.05

REV.

B

ELECTRO-OPTICAL	CHARACTERIST	TICS TA=25°C		$I_f = 20mA$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	_
PEAK WAVELENGTH		525		nm		_
FORWARD VOLTAGE		3.5	4.0	v_f		
REVERSE VOLTAGE	5.0			v_r	Ir=100µA	
AXIAL INTENSITY		45		mcd	$I_f = 20 \text{mA}$	
VIEWING ANGLE		140		2x theta		

LIMITS OF SAFE OPERATION AT 25°C

EPOXY LENS FINISH: WATER CLEAR

GRFFN

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	 1.2	mW/°C
OPERATING TEMP.	- 30 TO +85	•C
STORAGE TEMP.	- 40 TO +85	. C

* t<10µS

REV.

Α В

FMITTED COLOR:

NOTES:

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

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

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= +DECIMAL PRECISION -0.000

REV.

PART NUMBER SML-LXFT1206UPGCTR

3.2mm x 1.6mm ULTRA THIN SURFACE MOUNT LED, 525nm ULTRA PURE GREEN LED, WATER CLEAR LENS, TAPE AND REEL.

CONFIDENTIAL INFORMATION
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OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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APPROVED BY: DATE: DRAWN BY: CHECKED BY: 1.4.01 PAGE: 1 OF 1 SCALE: N/A CT