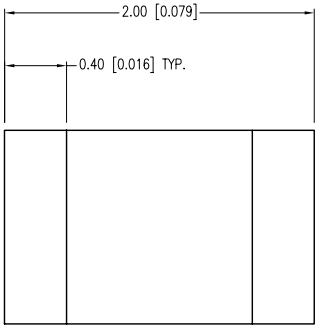
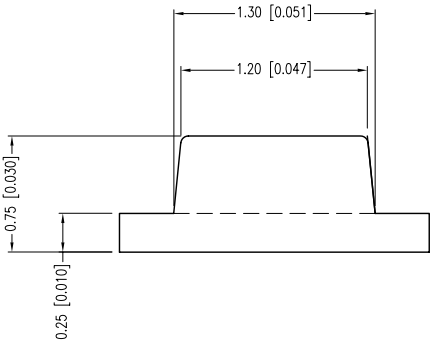
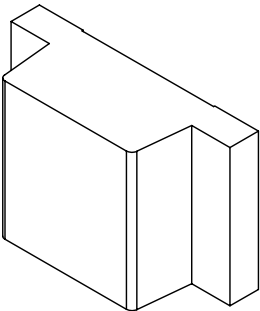
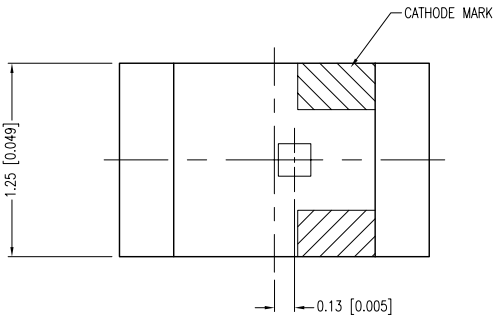


PART NUMBER	SML-LXFT0805SRC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.02.05	E.C.N. #11148.		A
02.23.11	E.C.N. #10BRDR. & REDRAWN/#11697.		B



ANODE  CATHODE

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		50		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		120		2θ	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR LENS				

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

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

- NOTES:
- 2,000 PIECES PER REEL.
 - THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

B CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

RECOMMENDED SOLDER PAD LAYOUT

