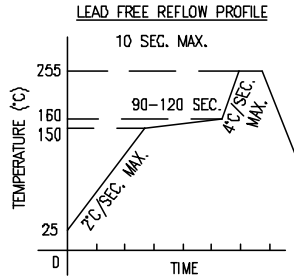
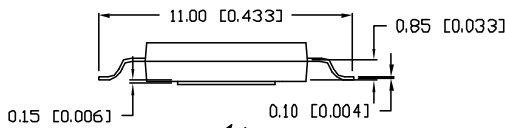
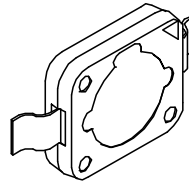
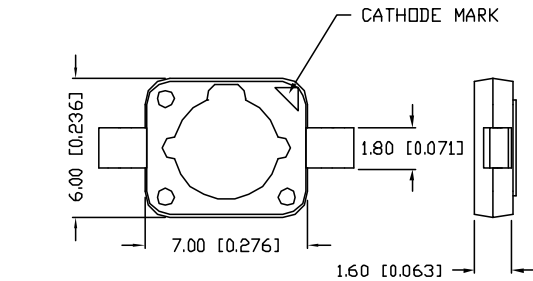


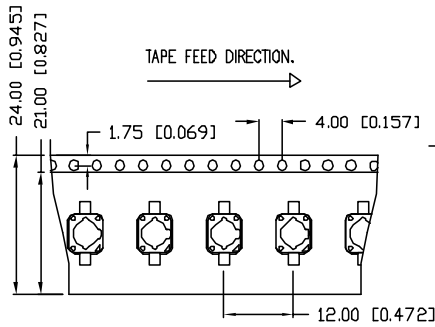
UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SML-LX2723SYC-TR		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11459.	12.07.07



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

NOTE:
250 PECES PER REEL



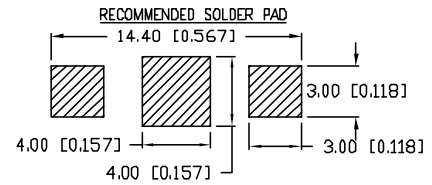
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			590		nm	
FORWARD VOLTAGE	V_f		2.0	2.9	V	$I_f=350\text{mA}$
REVERSE VOLTAGE	V_r	5			V	$I_r=10\mu\text{A}$
AXIAL INTENSITY	I_v	23		39	lm	$I_f=350\text{mA}$
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:	YELLOW					
EPOXY LENS FINISH:	CLEAR					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	500	mA
STEADY CURRENT	350	mA
POWER DISSIPATION	1.5	W
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

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



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

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
A	SML-LX2723SYC-TR
7mm X 6mm SURFACE MOUNT HIGH POWER LED, 590nm SUPER YELLOW , TAPE AND REEL.	

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RELIABILITY NOTE
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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JN			9.04.07
			PAGE: 1 OF 1
			SCALE: N/A