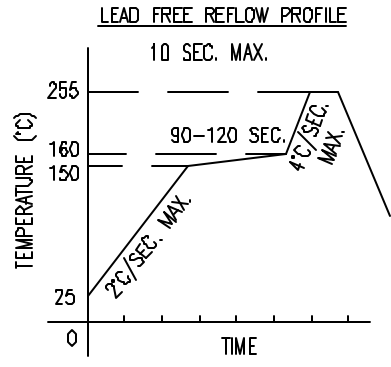
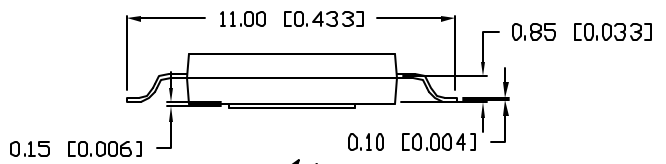
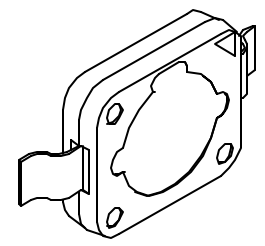
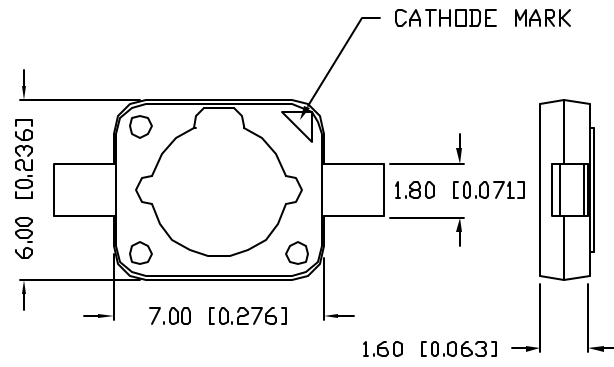


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SML-LX2723UPGC-TR		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11459.	12.07.07



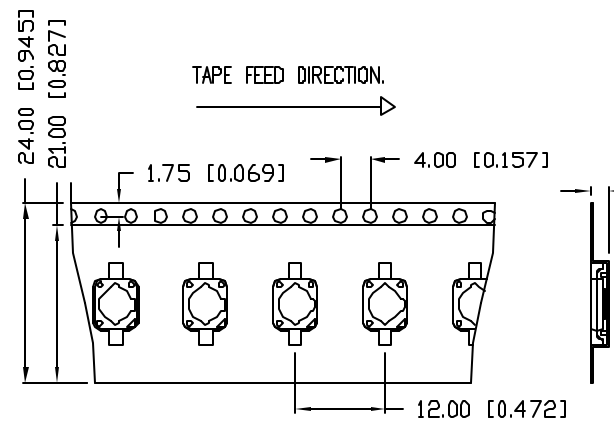
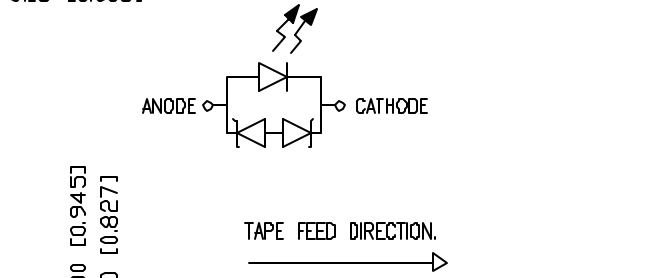
ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			525		nm	
FORWARD VOLTAGE	V _f		3.2	4.0	V	I _f =350mA
REVERSE VOLTAGE	V _r	5			V	I _r =10μA
AXIAL INTENSITY	I _v	33		60	lm	I _f =350mA
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:			GREEN			
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	2.0	W
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

*T<10μS

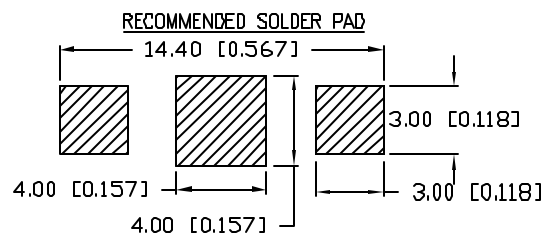


TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

NOTE:

250 PECES PER REEL

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



UNCONTROLLED DOCUMENT

*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.=+DECIMAL PRECISION -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER
A	SML-LX2723UPGC-TR

7mm X 6mm SURFACE MOUNT HIGH POWER LED,
525nm ULTRA PURE GREEN , 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