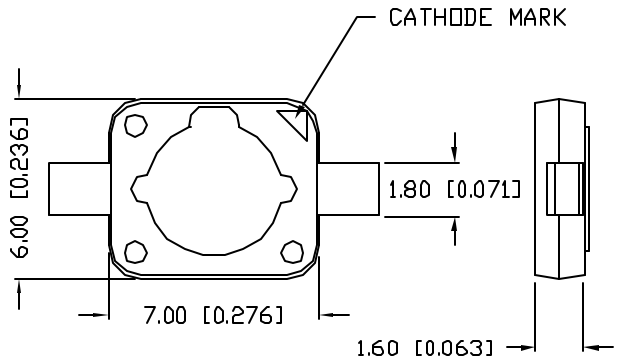
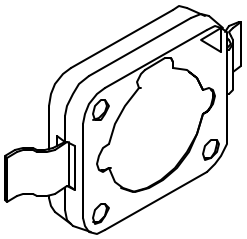
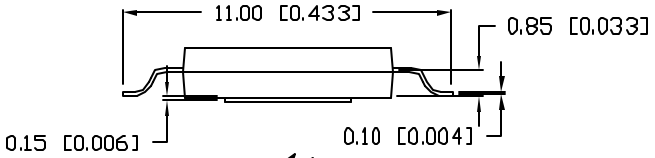
UNCONTROLLED DOCUMENT

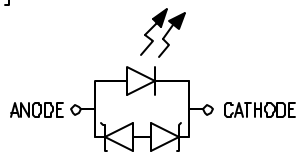
PART NUMBER	REV.
SML-LX2723SYC-TR	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11459.	12.07.07

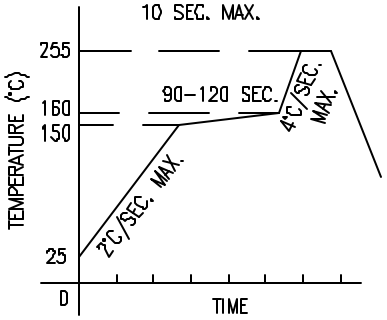








LEAD FREE REFLOW PROFILE



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

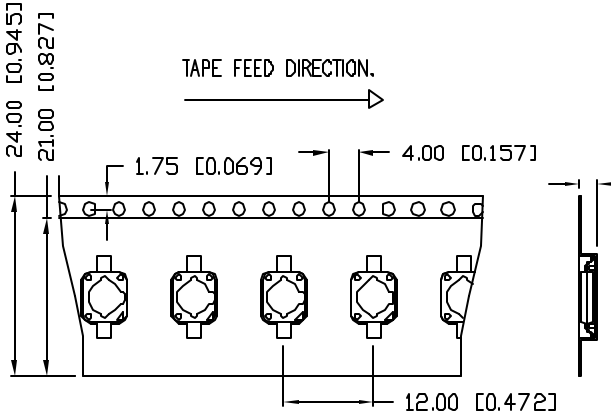
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			590		nm	
FORWARD VOLTAGE	V_f		2.0	2.9	V	I_f=350mA
REVERSE VOLTAGE	V_r	5			V	I_r=10µA
AXIAL INTENSITY	I_V	23		39	lm	I_f=350mA
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

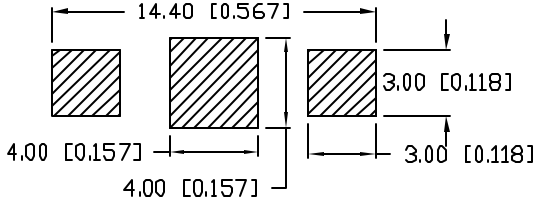
*T<10µS



[A] NOTE:

250 PECES PER REEL.

RECOMMENDED SOLDER PAD



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*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER
A	SML-LX2723SYC-TR

7mm X 6mm SURFACE MOUNT HIGH POWER LED,
590nm SUPER YELLOW , TAPE AND REEL.

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			PAGE: 1 OF 1
			SCALE: N/A