

SML10Y4T-TR

Yellow

Surface Mount LED

3.2 × 2.8 × 1.9 mm Chip LED

120° viewing angle

DWG BY:
SL / GP
11-16-06

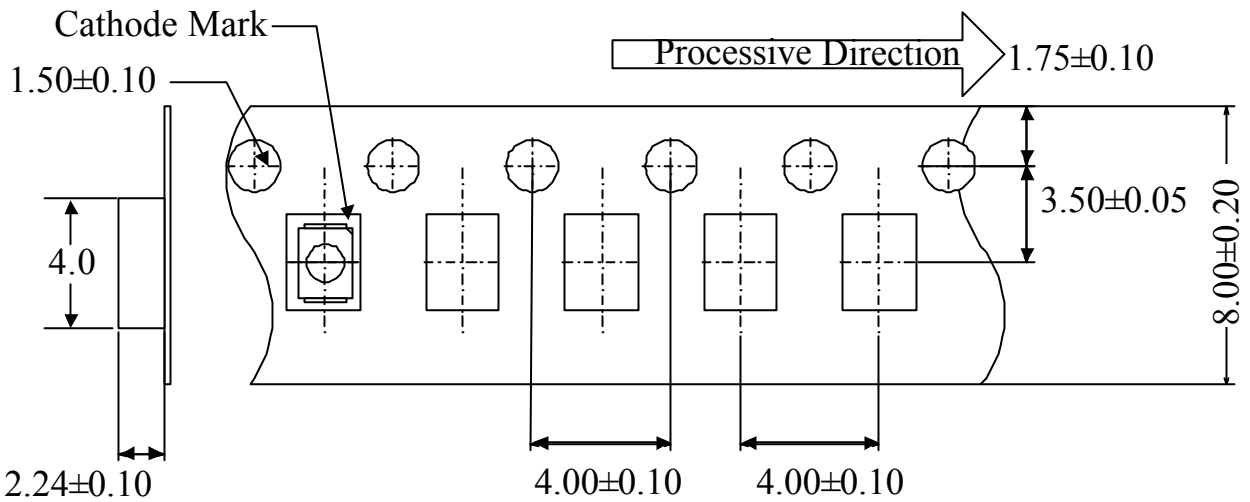
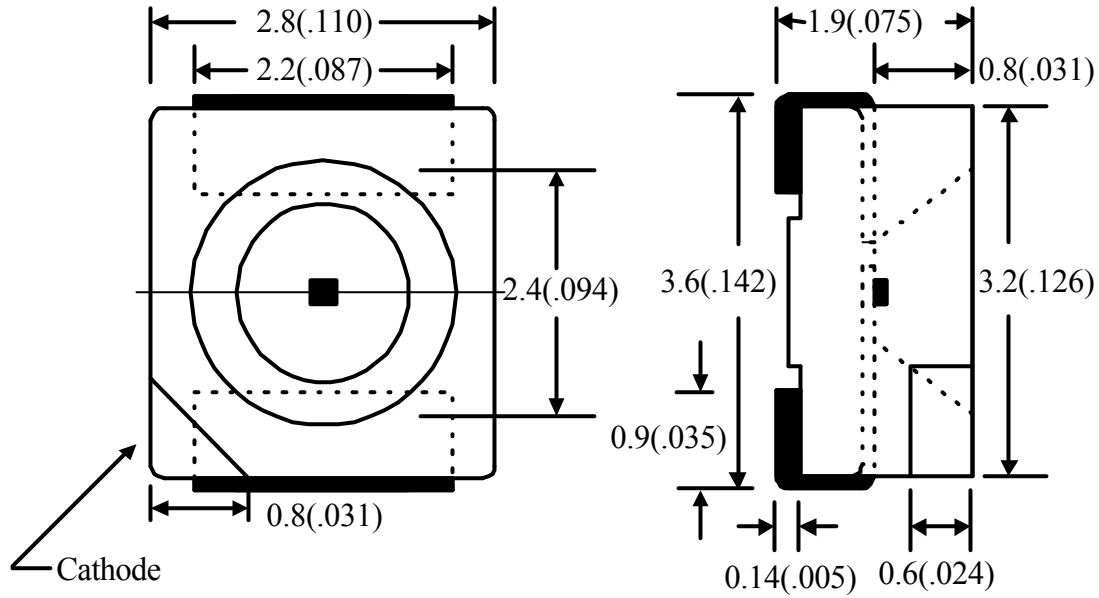
CHK BY:
PL
11-16-06

QA:
__-__-06

MFG:
__-__-__

REVISION LTR: -
11-16-06

◆ **PACKAGE DIMENSIONS**



Loaded quantity per reel : 2000 pcs/reel

- * Dice Material : GaAsP
- * Light Color : YELLOW
- * Lens Color : WATER CLEAR

◆ **ABSOLUTE MAXIMUM RATING: (Ta=25°C)**

SYMBOL	PARAMETER	MAX.	UNIT
P _D	Power Dissipation	120	mW
V _R	Reverse Voltage	5	V
I _{AF}	Average Forward Current	20	mA
I _{PF}	Peak Forward Current (Duty = 0.1, 1KHz)	120	mA
—	Derating Linear Form 25 °C	0.4	mA / °C
T _{opr}	Operating Temperature Range	-40°C to 85°C	
T _{stg}	Storage Temperature Range	-40°C to 85°C	
Lead Soldering Temperature { 1.6mm (0.063 inch) From Body } 250°C ± 5°C For 3 Seconds			

◆ **ELECTRO-OPTICAL CHARACTERISTICS: (Ta=25°C)**

SYMBOL	PARAMETER	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
V _F	Forward Voltage	I _F = 20mA		2.1	2.6	V
I _R	Reverse Current	V _R = 5V			100	μA
λ _P	Peak Emission Wavelength	I _F = 20mA		585		nm
λ _D	Domi Emission Wavelength	I _F = 20mA		587		nm
2θ 1/2	Half Intensity Angle	I _F = 20mA		120		Deg.
I _v	Luminous Intensity	I _F = 20mA		15		mcd
Δλ	Spectral Line Half-width	I _F = 20mA		36		nm
X	Chromaticity Coordinates	I _F = 20mA		0.56		
Y				0.43		