



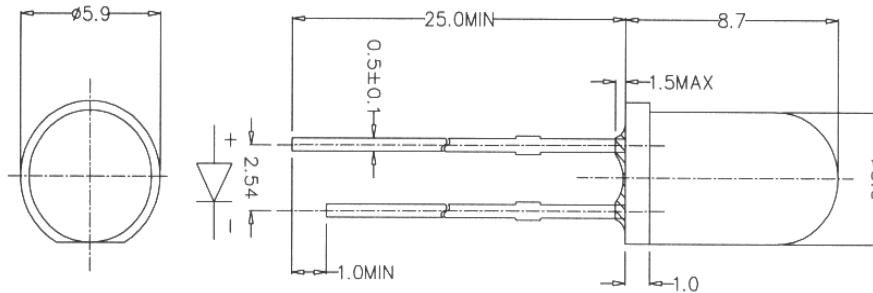
SUPER HIGH YELLOW COLOR PART NO. :LC503MYL1-30Q

DESCRIPTION :

- 30 DEGREE 5MM LED LAMP
IN HIGH YELLOW COLOR WITH
WATER TRANSPARENT LENS AND
NO STOPPER

ITEM	MATERIALS
Resin (Mold)	Epoxy
Lens Color	Water Transparent
Lead Frame	Ag Plating Iron Alloy
Dice	InGaN/SiC

DIMENSION DRAWING :



SPECIFICATION :

Absolute Maximum Rating (T_a = 25°C)

Items	Symbol	Absolute maximum Rating	Unit
Forward Current	I _F	50	mA
Peak Forward Current pulse width ≤ 0.1msec duty ≤ 1/10	I _{FP}	200	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	150	mW
Operation Temperature	T _{opr}	-40 ~ +95	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T _{sol}	260°C for 3sec (3mm from the base of the epoxy bulb)	

Initial Electrical/Optical Characteristics (T_a = 25°C)

Items	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F = 20mA	1.7	2.0	2.5	V
Reverse Current	I _R	V _R = 5V	---	---	100	μA
Wavelength	λ _D	I _F = 20mA	---	591	---	nm
Luminous Intensity	I _V	I _F = 20mA	770	1300	---	mcd
50% Power Angle	2θ _½	I _F = 20mA	---	30	---	deg