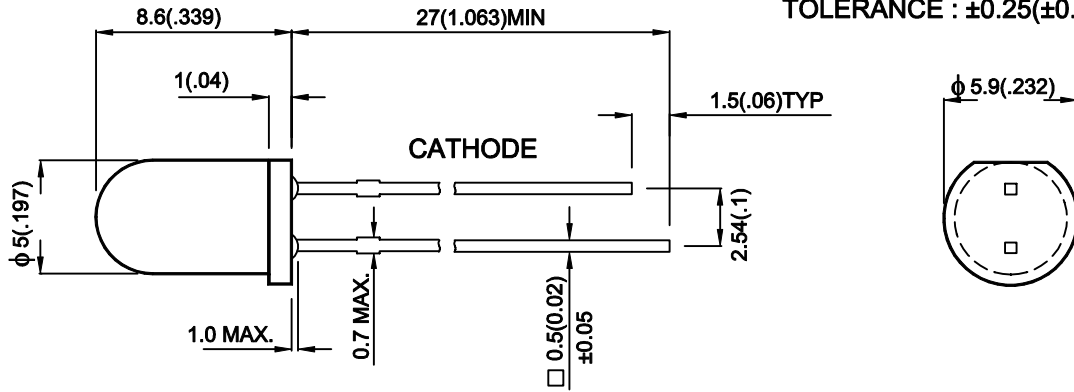


Part No. : L-53MGx

UNIT : MM(INCH)

TOLERANCE :  $\pm 0.25(\pm 0.01)$



### \* Absolute Maximum Ratings

Item	Symbol	Rating	Unit
Forward Current	$I_F$	25	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_O$	105	mW
Operating Temperature	$T_{opr}$	-40~+85	°C
Storage Temperature	$T_{stg}$	-40~+85	°C

### \* Electrical and Optical Characteristics ( $T_A=25^\circ\text{C}$ )

Item	Symbol	Condition	Min.	Typ.	Max.	UNIT
Forward Voltage	$V_F$	$I_F=20\text{mA}$	-	2.25	2.5	V
Reverse Current	$I_R$	$V_R=5\text{V}$	-	10	-	$\mu\text{A}$
Peak Emission Wavelength	$\lambda_P$	$I_F=20\text{mA}$	-	570	-	nm
Spectral half-width	$\Delta\lambda$	$I_F=20\text{mA}$	-	25	-	nm
Capacitance	$C$	$V_F=0, f=1\text{MHz}$	-	20	-	pF

### Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @20mA		Viewing Angle
			Min.	Max.	
L-53MGT	MEGA BRIGHT GREEN (InGaAlP)	GREEN TRANSPARENT	300	1000	30°
L-53MGD		GREEN DIFFUSED	70	300	60°
L-53MGC		WATER CLEAR	700	1300	30°

APPROVED:

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CHECKED:

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DRAWN :

L.N. Sheu

SCALE :

3 : 1

DATA NO. : E9225

DATE : JUL/31/1999