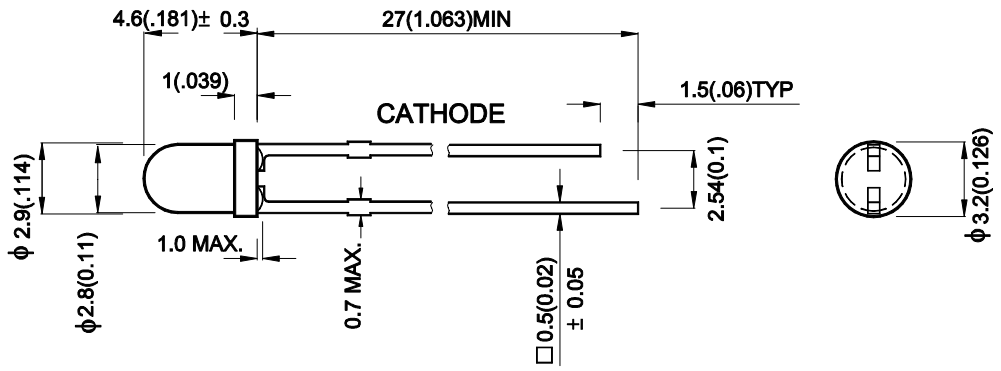
Kingbright®

Part No. : L-934MGx

T 1 (3mm) ROUND LED LAMP



UNIT : MM[INCH]

TOLERANCE : ± 0.25[± 0.01] UNLESS OTHERWISE NOTED.

* 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	Topr	-40~+85	° C
Storage Temperature	Tstg	-40~+85	° C

* Electrical and Optical Charateristics (T_A=25° C)

Item	Symbol	Condition	Min.	Typ.	Max.	UNIT
Forward Voltage	V_F	I_F=20mA	-	2.25	2.5	V
Reverse Current	I_R	V_R =5V	-	10	-	uA
Peak Emission Wavelength	λp	I_F=20mA	-	565	-	nm
Spectral half-width	$\Delta\lambda$	I_F=20mA	-	25	-	nm
Capacitance	C	V_F=0,f=1MHz	-	20	-	pF

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @20mA		Viewing Angle
			Min.	Typ.	2θ 1/2
L-934MGT	MAGA BRIGHT GREEN (InGaAlP)	GREEN TRANSPARENT	150	250	35°
L-934MGD		GREEN DIFFUSED	90	130	60°
L-934MGC		WATER CLEAR	300	500	35°

APPROVED:	CHECKED:	DRAWN :	SCALE :	DATA NO. : F6060	V.1
J.Lu	A.Wu	L.N. Sheu	3 : 1	DATE : MAY/25/2000	