LT187X-81-UR

5.0MM ROUND LAMP

Features

* LOW CURRENT REQUIREMENTS
* HIGH LIGHT OUTPUT
* RELIABLE AND RUGGED
* IC COMPATIBLE

All Electronics Corp
CAT # LED-88

Absolute Maximum Ratings at T_A=25℃

REVERSE VOLTAGE (<100μ A)	4.0V
D.C. FORWARD CURRENT	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH)	100 mA
OPERATING TEMPERATURE RANGE	-25℃ TO +85℃
STORAGE TEMPERATURE RANGE	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM BODY)	260℃ FOR 5

Electrical/optical characteristics at T_A=25℃

PART NUMBER	LED CHIP		LEN'S COLOR	PEAK WAVELENGTH @20 mA (nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE $2\theta_{1/2}$ (deg)
	MATERIAL	EMITTING COLOR			TYP.	MAX.	MIN.	TYP.	
LT1873-81-UR	GaAlAs ON GaAlAs	RED	W.C.	660	1.9	2.5	1200	2000	12

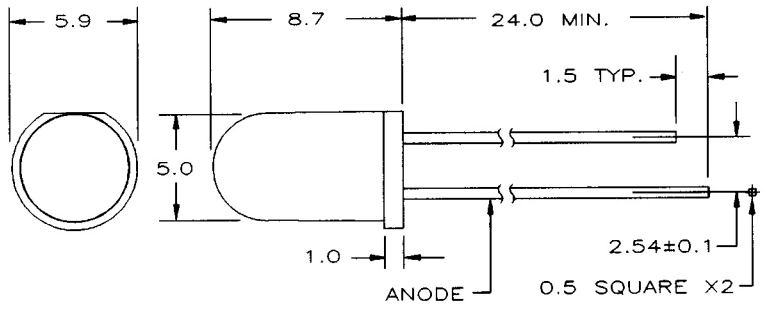
(1) LEN'S COLOR

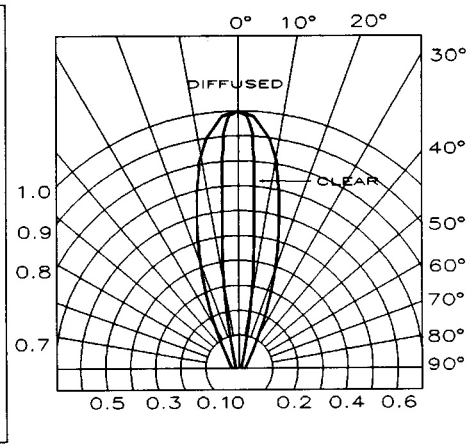
W.C.....WHITE CLEAR

(2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

(3) ALL ABOVE COMPONENTS ARE CONSIDERED . DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED .

Package Dimensions



1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS ±0.25mm UNLESS OTHERWISE NOTED.
2. AN EPOXY MENISCUS MAY EXTEND ABOUT 1.0mm DOWN THE LEADS.
3. BURR AROUND BOTTOM OF EPOXY BODY MAY BE 0.5mm MAX.

Radiation Pattern