



<b>Model:</b>	DMPT-50333-03R-BM-C
<b>Description:</b>	LED Bulb, 3mm, Red Color, Clear Lens, High Brightness

# SPECIFICATION SHEET

## Description

LED Bulb, 3mm, Red Color, Clear Lens, High Brightness

## Part Number

DMPT-50333-03R-BM-C

## Electrical / Optical Characteristics at TA=25

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	$V_F$	2.0	2.2	2.5	V	IF=20 mA
Luminous intensity	$I_V$	7000	8000	9000	mcd	IF=20 mA
Peak emission wavelength	$\lambda_p$	620	625	630	nm	❖
Half intensity angle		❖	15	❖	deg	❖

## Absolute Maximum Ratings at TA=25

Parameter	Maximum Rating
Power Dissipation	80mW
Peak Forward Current (1/10 Duty Cycle, 0. Pulse Width)	100mA
Continuous Forward Current	25mA
Derating Linear From 30	0.8mA/
Reverse Voltage	5V
Operating Temperature Range	-20 to +80
Storage Temperature Range	-30 to +100
Lead Soldering Temperature (1.6mm From Body)	260 for 5 Seconds

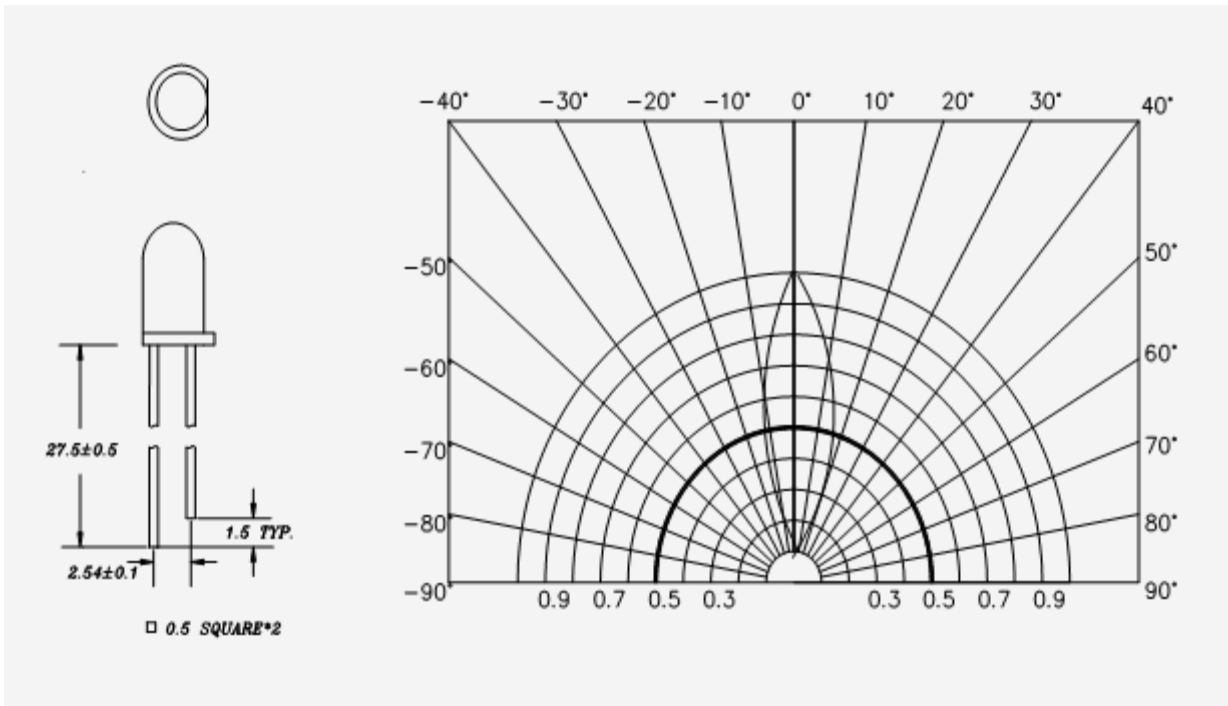
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## Package Dimensions and Spatial Distribution



### Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25\text{mm}$  (0.010 " ) unless otherwise noted.
3. Protruded resin under flange is 1.0mm(0.04 " ) max.
4. Lead spacing is measured where the leads emerge from the package.
5. Product picture & dimensions are for reference only. Detailed information is in accordance with the final product.

The end.