WCN OptoGroupCo.,Limited

2027-R-15

SPECIFICATION

WCN			CUSTOMER Confirmed
Prepared by	Checked by	Approved by	
Fei 2015-11-16	Athena		

REVISION: A0

WCN OptoGroupCo.,Limited

■ **Outer Dimension:**

Ø19,3
45°
PIN1
2,54
11,7   2,3
17,8
17,5
1,8
Ø0.6±0.1
12.7±0.5
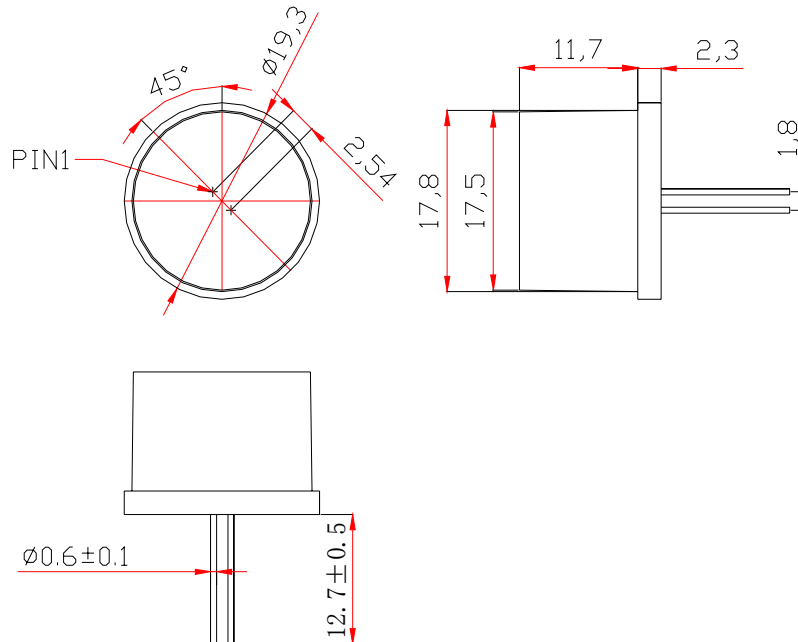
Notes: Unless otherwise stated, The tolerance is ±0.25mm.

■ **Circuit Diagram**

R1
VCC
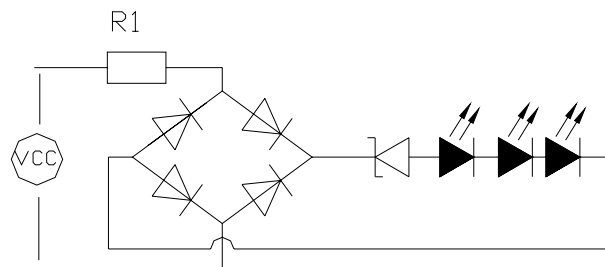
■ **Features:**

.   **High Reliability**
.   **Emitting Color: Red**
.   **Low Power Requirement**
.   **Easy Assembly**

■ **Description:**

.   **19.3 mm LED Signal Lamp**
.   **Two Pieces Red Color LED Lamp**
.   **Red Diffuse Epoxy**

■ **Applications:**

.   **Illuminations**
.   **Indicator**

WCN OptoGroupCo.,Limited

■ **Typical Electrical & Optical Characteristics (Ta = 25°C)**

Items	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$I_F = 17mA$	---	24	---	V
Forward Current	I_F	$V_F = 24V$	---	17	---	mA
Peak Forward Current	I_{FP}	1/10 duty 10KHZ	---	---	90	mA
Power Dissipation	P_D	---	---	---	500	mW
Luminous Intensity	I_V	$I_F = 17mA$	156	180	---	mcd
Peak Emission	λp	$I_F = 17mA$	---	635	---	nm
Dominant	λd	$I_F = 17mA$	---	622	---	nm
Operation	T_{opr}	-40 ~ + 85				°C
Storage	T_{stg}	-40 ~ + 85				°C
Lead Soldering Temperature	T_{sol}	Max.260°C for 3 sec Max. (3mm from the base of the epoxy bulb)				

■ **Packaging Standard:**

　1. The Outer Carton outer dimensions are: 550*370*270mm.

　2. The Inner Carton outer dimensions are: 370*360*255mm

　3. The Antistatic Bag dimensions are: 200*160mm

　4. One Outer Carton contained two Inner Cartons and 3200 PCS products.

　5. One Inner Carton contained 1600 PCS products.

　6. One Antistatic Bag contained 200 PCS products.

■ **Data is subject to change without prior notice.**

■ **Revision   Record**

　A0: New Version issued. (2015-11-16)