

SPECIFICATION

PART NO. : WU-2-106SRD
10.0mm ROUND LED LAMP

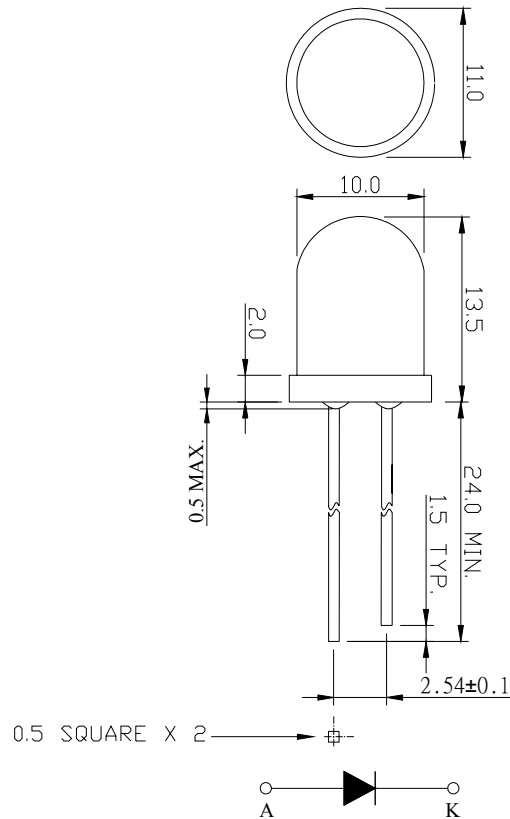


Approved by	Checked by	Prepared by
: <i>Yng</i>	<i>Andy</i>	<i>Min Bao</i>

Y W4/328UTF 10.0mm ROUND LED

Description

This super red lamp is made with AlGaAs/GaAs chip and red diffused epoxy resin.



Notes:

1. All dimensions are in mm.
2. Tolerance is ± 0.25 mm unless otherwise noted.

Description

Part No.	LED Chip		Lens Color
	Material	Emitting Color	
LT3371-81	AlGaAs/GaAs	Super red	Red diffused

Y W4/328UTF 10.0mm ROUND LED

Absolute Maximum Ratings at Ta=25

Parameter	Symbol	Rating	Unit
Power Dissipation	PD	66	mW
Reverse Voltage	VR	4	V
D.C. Forward Current	If	30	mA
Reverse (Leakage) Current	Ir	100	μA
Peak Current(1/10Duty Cycle,0.1ms Pulse Width.)	If(Peak)	100	mA
Operating Temperature Range	Topr.	-25 to +85	
Storage Temperature Range	Tstg.	-40 to +100	
Soldering Temperature(1.6mm from body)	Tsol.	Dip Soldering : 260 Hand Soldering : 350	for 5 sec. for 3 sec.

Electrical and Optical Characteristics:

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	Iv	If=20mA	110	260		mcd
Forward Voltage	Vf	If=20mA		1.8	2.2	V
Peak Wavelength	λp	If=20mA		660		nm
Dominant Wavelength	λd	If=20mA		643		nm
Reverse (Leakage) Current	Ir	VR=4V			100	μA
Viewing Angle	2 1/2	If=20mA		30		deg
Spectrum Line Halfwidth	Δλ	If=20mA		20		nm

Notes:1. The datas tested by IS tester.

2. Customer's special requirements are also welcome

