

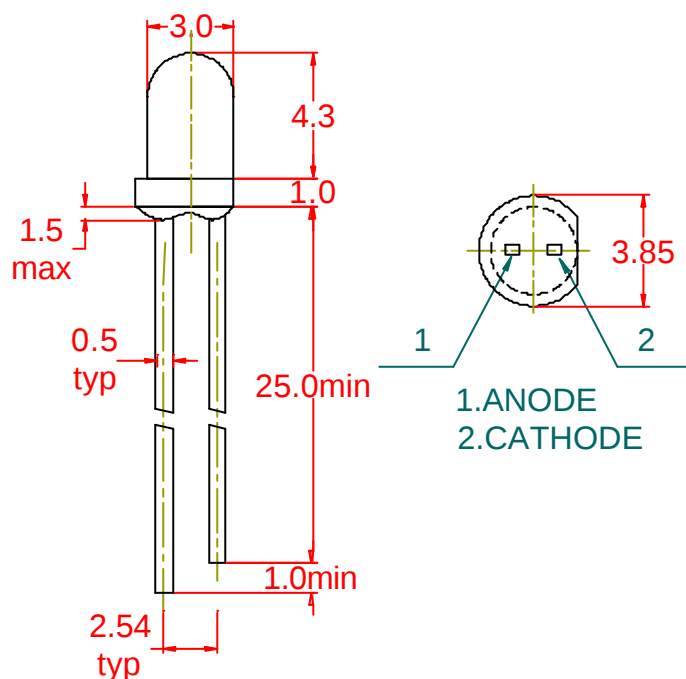
LED DATA SHEET

Part No.	LPT30224		
Emitted Color	Transistor	Len's Color	Black

Features:

High photo sensitivity
Fast response time
Chip material : Silicon

Package Dimensions:



Note:

- 1、 All dimensions are in millimetres (mm)
- 2、 Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted

Part No.	LPT30224	Edition Data:2002-12-10	Page: 1of 3
		http://www.wenrun.com	Fax:0511-5512860

Absolute Maximum Rating (Ta=25)

Parameter	Symbol	Max.	Unit
Power Dissipation	Pc	75	mw
Collector-Emitter Voltage	Vceo	30	V
Emitte-Collector Voltage	Veco	5	V
Collector Current	I _c	20	mA
Operating Temperature Range	Topr	-25 ~ 85	
Storage Temperature Range	Tstg	-40 ~ 85	
Solder Temperature : 4.0mm From Body For 5 Seconds at 260			

Electrical Optical Characteristics (Ta=25)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Collector-Emitter Voltage	BVceo	30	--	--	V	I _c =100uA E _c =0mw/cm ²
Emitter-Collector Voltage	BVeco	5	--	--	V	I _E =100uA E _e =0mw/cm ²
Emitter-Collector Saturation Voltage	Vce(sat)	--	--	0.4	V	I _c =2Ma E _e =1mw/cm ²
Collector Dark Current	I _{ceo}	--	--	100	nA	V _{ce} =20V E _e =0mw/cm ²
On State Collector Current	I _{c(on)}	0.7	2.0	--	mA	V _{ce} =5V E _e =1mw/cm ²
Wavelength of Peak Sensitivity	λ _p	--	980	--	nm	--
Rang of Spectral Bandwidth	Δ λ	400	--	1200	nm	--