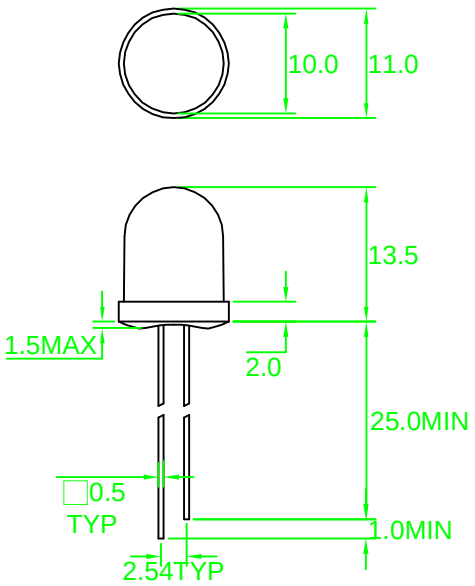
LIGITEK

Lead-Free Parts

FLASH ROUND TYPE LED LAMPS | LFI3660-PF | SERIES | Page 1/2

Package Dimension



Note:1.All dimension are in millimeter tolerance is ±0.25mm unless otherwise noted
2.Specifications are subject to change without notice

Features

- Built-in IC chip flashes lamps on and off to attract attention
- Pulse rate 2.4Hz
- T-1 size
- 1 inch leads
- Large full flood radiating area
- IC compatible

Description

The LFI3660-PF series is a solid state lamp with a red diffused plastic lens The built-in IC flashes the lamp on/off and can be driven directly by standard TTL and CMOS circuit eliminating the need for external switching circuitry

• Part Selection And Application Information (Ratings At 25℃ Ambient)

PART NO	MATERIAL	COLOR		Peak wave length λ Pnm	Spectral halfwidth △λ nm	Pulse rate(Hz) volt=5v		Luminous intensity volt=5v(mcd)		Operating voltage	
		Emitted	Lens			Min.	Max.	Min.	Typ.	Min.	Max.
LFI3660-PF	GaAsP/ GaP	Orange	Red Diffused	635	45	2.0	3.0	7.0	12	3.0	12

• Absolute Maximum Rating (Ta=25℃)

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
									I			
Peak Current (1/4) Duty cycle									60		mA	
Operating Voltage									15		V	
Reverse Voltage									0.4		V	
Operating Temperature	0℃ TO +85℃											
Storage Temperature	-20℃ TO +85℃											

Soldering Condition(Pb-Free)

1.Iron:

Soldering Iron:30W Max
Temperature 350°C Max
Soldering Time:3 Seconds Max(One Time)
Distance:2mm Min(From solder joint to body)

2.Wave Soldering Profile

Dip Soldering
Preheat: 120°C Max
Preheat time: 60seconds Max
Ramp-up
2°C/sec(max)
Ramp-Down:-5°C/sec(max)
Solder Bath:260°C Max
Dipping Time:3 seconds Max
Distance:2mm Min(From solder joint to body)