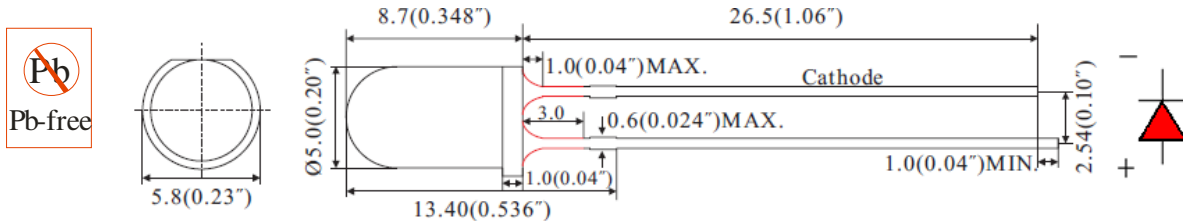


SLR-050410-416T

5mm Round Type LEDs Series

PACKAGE DIMENSION



Selection Guide

Part No.	Dice		Lens Color	Iv(mcd)(If=20mA)			Viewing Angle (2θ1/2)
	Raw Material	Emitted Color		MIN	TYP.	MAX	
SLR-050410-416T	AlGaInP	Ultra Red	Red Diffused	150	180	200	65°

Absolute Maximum Ratings(Ta=25C°)

Item	Symbol	Maximum	Unit
Power Dissipation	PD	72	mW
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	IFP	90	mA
Continuous Forward Current	IFmax	30	mA
Reverse Voltage	VR	5	V
Capacitance	C	95	pF
Operating / Storage Temperature Range	Topr / Tstg	-40°C to +85°C	
Lead Solder Temperature	Tsol	260°C for 3 seconds	

Electrical / Optical Characteristics(Ta=25C°)

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Peak Wavelength	λp	-	640	-	nm	IF=20mA
Dominant Wavelength	λd	627	632	637	nm	IF=20mA
Spectral Line Coordinates	Δλ	-	25	-		IF=20mA
Forward Voltage	VF	1.80	2.00	2.40	V	IF=20mA
Reverse Current	IR	-	-	10	uA	VR=5V

NOTES:

1. All dimensions are in millimeter(inch);
2. Tolerance is ±0.25mm(0.01") especially other specified; Luminous intensity tolerance is ±10%;
3. Dominant Emission Wavelength tolerance is ±5%; Specifications are subject to change without notice.