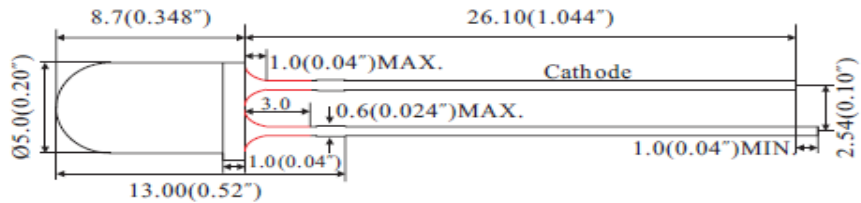
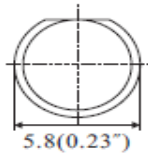


5mm Blue LED

SLR-05NB40-849-H

PACKAGE DIMENSION



Selection Guide

Part No.	Dice		Lens Color	(If=20mA)	Viewing Angle (20°/2)
	Raw Material	Emitted Color		TYP.(mcd)	
SLR-05NB40-849-H	InGaN	Blue	Water Clear	4000	15°

Absolute Maximum Ratings(Ta=25C°)

Item	Symbol	Maximum	Unit
Power Dissipation	P _D	120	mW
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	I _{FP}	100	mA
Continuous Forward Current	I _{Fmax}	30	mA
Reverse Voltage	V _R	5	V
Capacitance	C	100	pF
Operating / Storage Temperature Range	Topr / Tstg	-40°C to +85°C	
Lead Solder Temperature	Tsol	260°C for 5 seconds	

Electrical / Optical Characteristics(Ta=25C°)

Item	Symbol	Typ.	Max.	Unit	Condition
Peak Wavelength	λ _p	468	-	nm	I _F =20mA
Dominant Wavelength	λ _d	465	-	nm	I _F =20mA
Spectral Line Coordinates	Δλ	35	-		I _F =20mA
Forward Voltage	V _F	3.20	3.80	V	I _F =20mA
Reverse Current	I _R	-	10	uA	V _R =5V

NOTES:

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