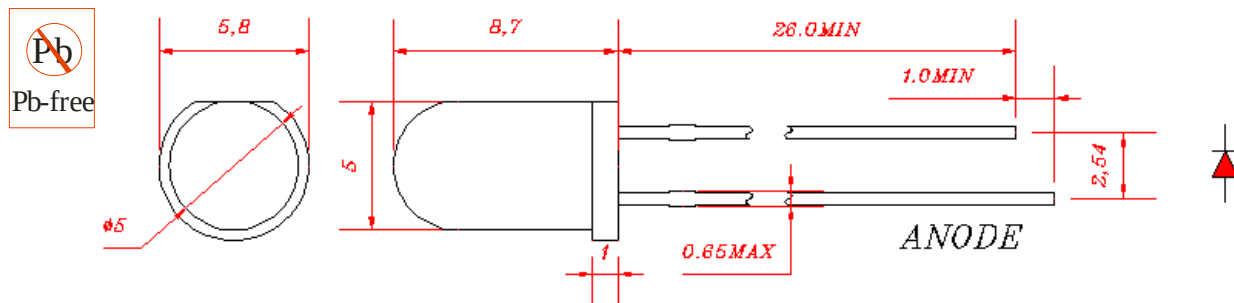


SLR-05NW40-690-H

PACKAGE DIMENSION



Selection Guide

Part No.	Chip :		Lens Color	Iv(mcd)(If=20mA)			Viewing Angle (2θ1/2)
	Raw Material	Emitted Color		MIN	TYP	MAX	
SLR-05NW40-690-H	InGaN	White	Water Clear	22000	25000	-	15°

Absolute Maximum Ratings(Ta=25C°)

Item	Symbol	Maximum	Unit
Power Dissipation	P _D	93	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 3 seconds	

Electrical / Optical Characteristics(Ta=25C°)

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Coordinates	X	-	0.31	-	--	I _F =20mA
	Y	-	0.31	-	--	I _F =20mA
Color Temperature	C _T	5000	6000	7000	K	I _F =20mA
Forward Voltage	V _F	2.8	3.00	3.60	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.