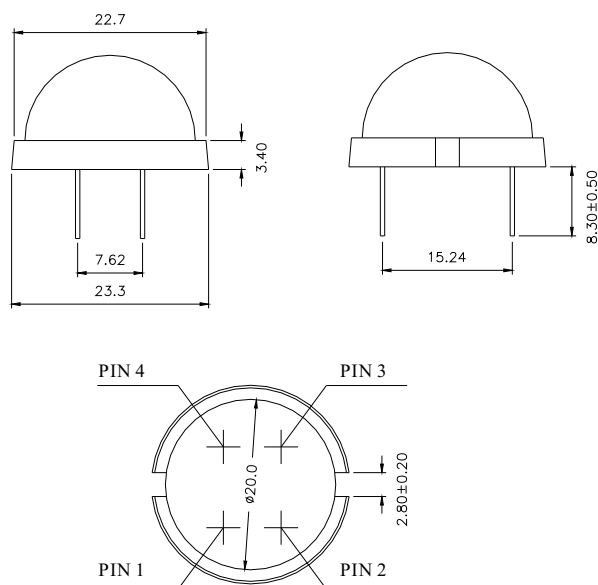


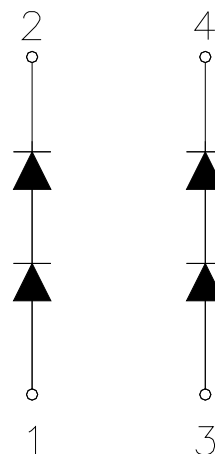
20mm Round Single Color Light Bar

PACAGE DIMENSION



INTERNAL CIRCUIT DIAGRAM

GNL-20003PGE4D



Features:

- *Ultra segment intensity
- *Wide viewing angle
- *Range of colors
- *Green diffused
- *RoHS compliant

Available option:

- *Cropped terminal pins
- *Available emitting color
- *Low current version

Maximum Ratings Ta=25°C (Derate above 25°C)

Characteristic	Test Condition	Symbol	PG	Units
Pulse Forward Current Per Seg.	1/10 duty cycle 0.1ms Pulse width	I_{FP}	100	mA
DC Forward Current Per Seg.		I_F	30	mA
Reverse Current Per Seg.	$V_R=10V$	I_R	10	μA
Power Dissipation		P_D	110*4	mW
Operating Temperature		T_{OPR}	-40 to +80	°C
Storage Temperature		T_{TSG}	-40 to +85	°C
Lead soldering temperature	1.60mm from body maximum 3 seconds		260	°C

Electro/Optical Characteristics If=20mA Ta=25°C

Part Number	Emitting Color	Peak Wavelength	Forward Voltage V_F		Luminous Intensity I_v	
			Typ.	Max.	Min.	Typ.
GNL-20003PGE4D	InGaN/SiC Pure Green	525	6.60	7.60	600.00	800.00