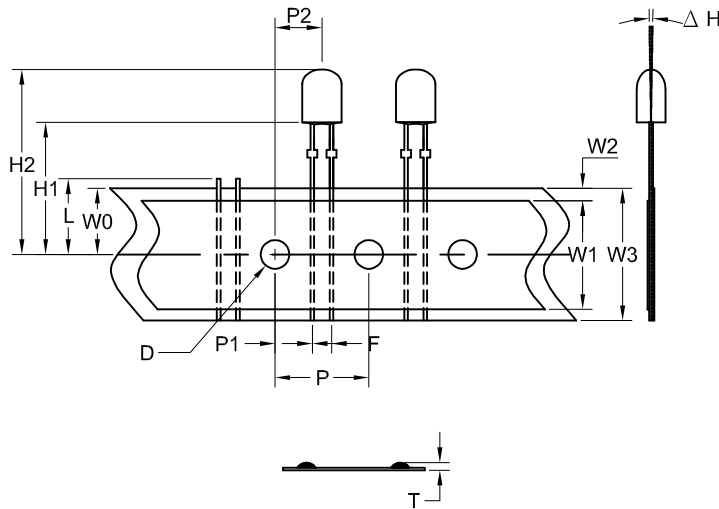
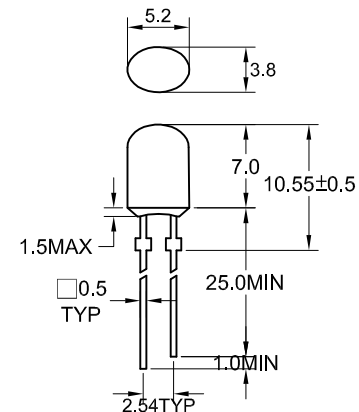




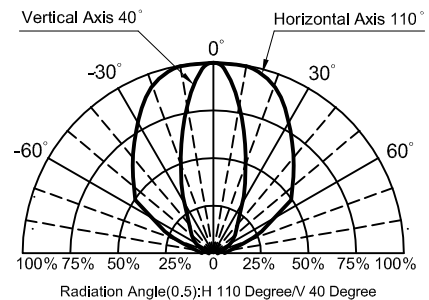
Package Dimension



Note: 1. All dimension are in millimeter tolerance is $\pm 0.25\text{mm}$ unless otherwise noted
2. Specifications are subject to change without notice



Directivity Radiation



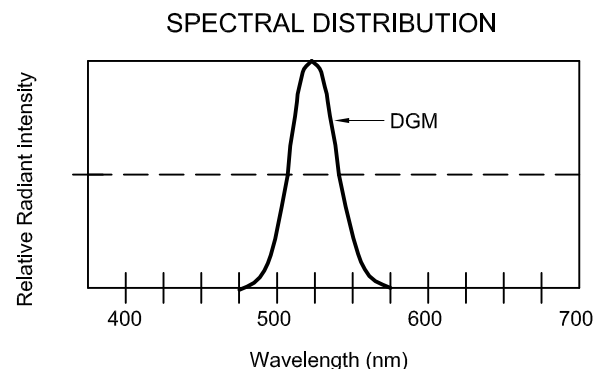
• Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		Peak wave length λ_{Pnm}	Dominant wave length λ_{Dnm}	Spectral halfwidth $\Delta\lambda\text{ nm}$	Forward voltage @20mA(v)		Luminous intensity @20mA(mcd)		Viewing angle $2\theta\ 1/2$ (deg)
		Emitted	Lens				Typ.	Max.	Min.	Typ.	
LDGM43740/S2/TBS-6	InGaN	Green	Green Diffused	518	525	36	3.0	3.5	1100	1500	Vertical Axis 40° Horizontal Axis 110°

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	GREEN	UNIT
	DGM	
Forward Current	30	mA
Peak Forward Current Duty 1/10 @10KHz	100	mA
Power Dissipation	120	mW
Reverse Current @5V	50	μ A
Operating Temperature	-20℃ TO +80℃	
Storage Temperature	-30℃ TO +100℃	
Lead Soldering Temperature 260℃ For 5 Seconds(2.0mm From Body)		

• Luminous Spectrum (Ta=25°C)



SYMBOL ITEMS	OPTION CODE	SYMBOL	SPECIFICATIONS			
			Minimum		Maximum	
			mm	inch	mm	inch
Tape Feed Hole Diameter	-----	D	3.8	0.15	4.2	0.17
Component Lead Pitch	-----	F	2.3	0.09	3.0	0.12
Front-To-Rear Deflection	-----	ΔH	-----	-----	2.0	0.08
Feed Hole To Bottom Of Component	TBS-6	H1	19.9	0.78	20.9	0.82
Feed Hole To Overall Component Height	-----	H2	-----	-----	36	1.42
Lead Length After Component Height	-----	L	W0		11	0.43
Feed Hole Pitch	-----	P	12.4	0.49	13	0.51
Lead Location	-----	P1	4.4	0.17	5.8	0.23
Center Of Component Location	-----	P2	5.1	0.2	7.7	0.3
Overall Taped Package Thickness	-----	T	-----	-----	1.42	0.06
Feed Hole Location	-----	W0	8.5	0.33	9.75	0.38
Adhesive Tape Width	-----	W1	14.5	0.57	15.5	0.61
Adhesive Tape Position	-----	W2	0	0	4.0	0.16
Tape Width	-----	W3	17.5	0.69	19	0.75

REMARK:TBS=Tape And Box Straight Leads

• Dimensions Symbol Information						• Package Dimensions
Description	Symbol	Specification				
		minimum		maximum		
		mm	inch	mm	inch	
Overall Length	L	330	13.0	340	13.4	
Overall Width	W	265	10.4	275	10.8	
Overall Thickness	H	50	1.97	60	2.4	
Part No.		Quantity/Box				
LDGM43740/S2/TBS-6		2000PCS				

