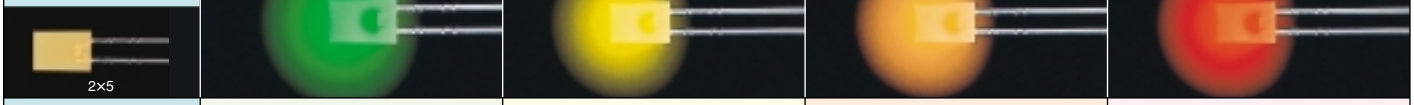
2×5mm Square Type
Standard Type <Viewing Angle 2θ1/2 : 130°>

SLB-25 Series

Emitting Color	Green(Yellowish Green)	Yellow	Orange	Red
Material	GaP		GaAsP on GaP	
Emitting Surface Dimension(mm)				
Part No.	**SLB-25MG**	**SLB-25YY**	**SLB-25DU**	**SLB-25VR**

■Absolute Maximum Ratings (Ta=25°C)

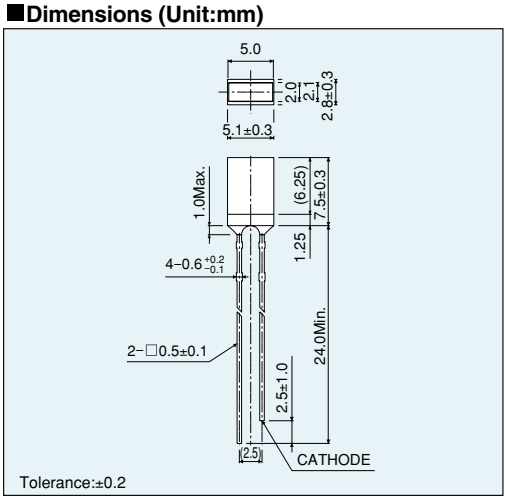
Part No.	Emitting color	Power dissipation P_D (mW)	Forward current I_F (mA)	Peak forward current ✻I_{FP} (mA)	Reverse voltage V_R (V)	Operating temperature T_{opr} (°C)	Storage temperature T_{stg} (°C)
SLB-25MG	Green (Yellowish Green)	75	25	60	3	-25 to +85	-30 to +100
SLB-25YY	Yellow	60	20				
SLB-25DU	Orange						
SLB-25VR	Red						

✻:Duty≦1/ 5, pulse width≦1ms.

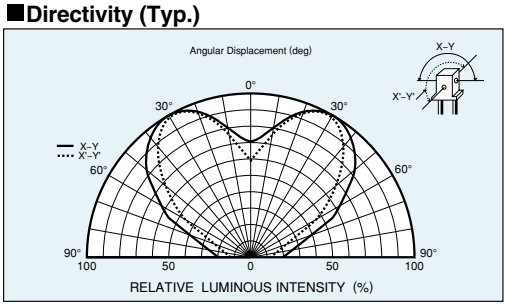
■Electrical Optical Characteristics (Ta=25°C)

Part No.	Resin Color	Forward voltage V_F		Reverse current I_R		Light wavelength Peak λp	Light wavelength Half-wave $\Delta\lambda$		Brightness Iv		
		Typ. (V)	I_F (mA)	Max. (μA)	V_R (V)	Typ. (nm)	Typ. (nm)	I_F (mA)	Min. (mcd)	Typ. (mcd)	I_F (mA)
SLB-25MG	Diffused Colored	2.1	10	10	3	563	40	10	0.36	1.0	10
SLB-25YY						585					
SLB-25DU		2.0				610					
SLB-25VR						650					

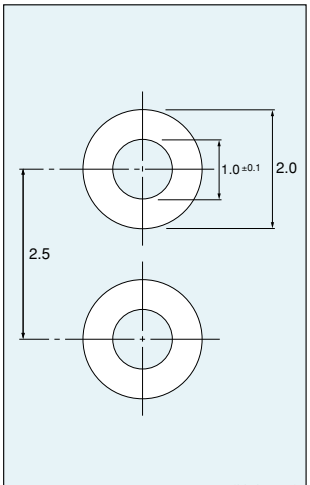
■Dimensions (Unit:mm)



■Directivity (Typ.)



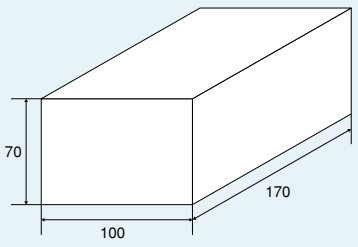
■Recommended Pad Layout



■Packaging Specifications (Unit:mm)

Packaging

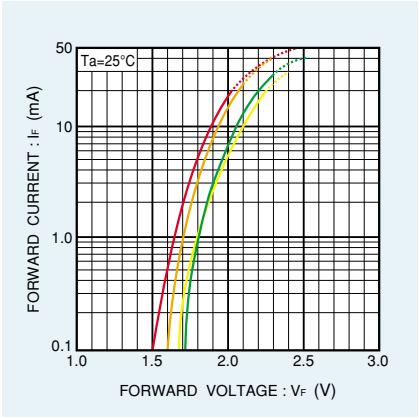
Bulk(3F):1000pcs/Box



Rev.C

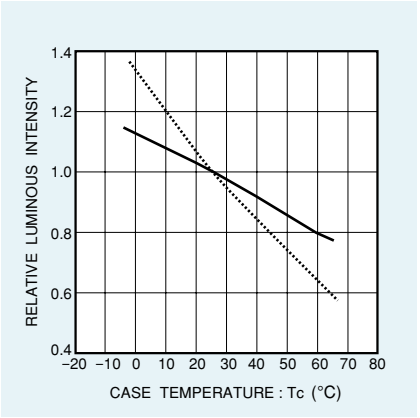
■Electrical Characteristic Curves

Forward Current - Forward Voltage



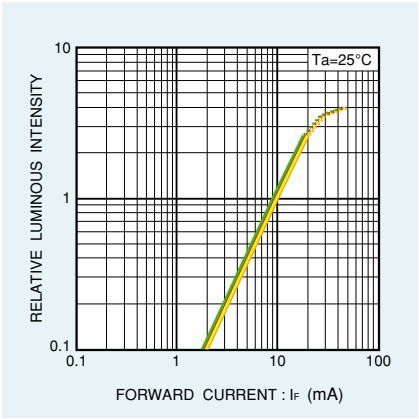
SLB-25MG
SLB-25YY
SLB-25DU
SLB-25VR

Relative Luminous Intensity - Case Temperature



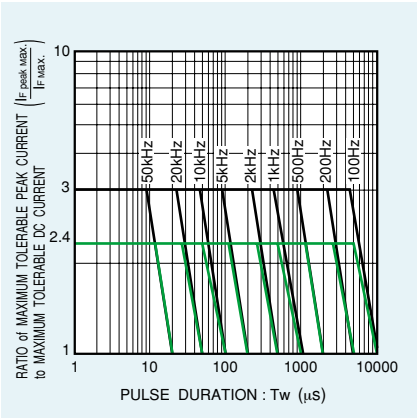
SLB-25MG
SLB-25YY
SLB-25DU
SLB-25VR

Relative Luminous Intensity - Forward Current



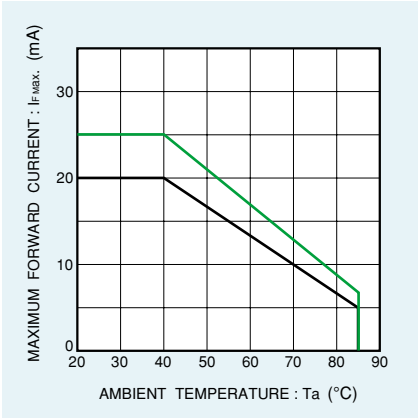
SLB-25MG
SLB-25YY
SLB-25DU
SLB-25VR

Ratio of Maximum Tolerable Peak Current - Pulse Duration



SLB-25MG
SLB-25YY
SLB-25DU
SLB-25VR

Derating



SLB-25MG
SLB-25YY
SLB-25DU
SLB-25VR

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