

# MSL0301RGBW / MSL0401RGBW

## GC-RGB Series

### Features

- Compact High Brightness Full Color
- Ensures excellent color mixing
- The industry's smallest reflector-type RGB LED.
- Both 4- and 6-pin types are available.

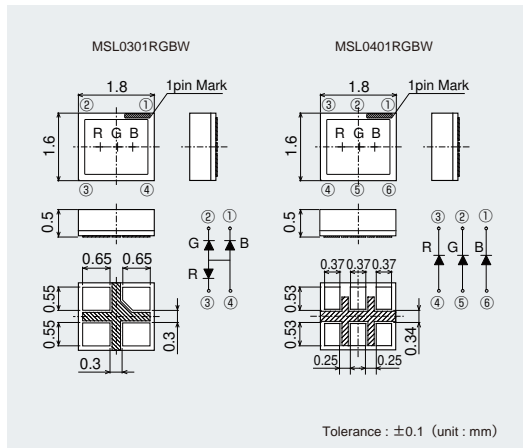


### Specifications

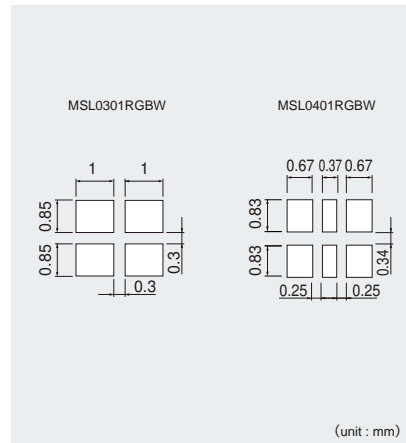
Part No	Element Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)						Electrical and Optical Characteristics (Ta=25°C)										
			Permissible Loss Po(mW)	Forward Current If(mA)	Peak Forward Current Ifp(mA)	Reverse Voltage Vr(V)	Operating Temperature Topr(°C)	Storage Temperature Tstg(°C)	Forward Voltage Vf		Reverse Current Ir		Dominant Wavelength λD			Luminous Intensity Iv			
								Typ.(V)	If(mA)	Max. (μA)	Vr(V)	Min. (nm)	Typ. (nm)	Max. (nm)	If(mA)	Min. (mcd)	Typ. (mcd)	If(mA)	
■ MSL0301RGBW (4-pin)	AlGaInP	Red	104	40				2.1		10		618	624	630		220	400		
	InGaN	Green	120	30	100*1	5	-40 to +85	-40 to +100	3.4	20	100	5	519	527	536	20	360	550	20
		Blue	114						3.3				464	470	476		90	180	
■ MSL0401RGBW (6-pin)	AlGaInP	Red	104	40				2.1		10		618	624	630		220	400		
	InGaN	Green	120	30	100*1	5	-40 to +85	-40 to +100	3.4	20	100	5	519	527	536	20	360	550	20
		Blue	114						3.3				464	470	476		90	180	

\* 1: Duty1/5, 1kHz

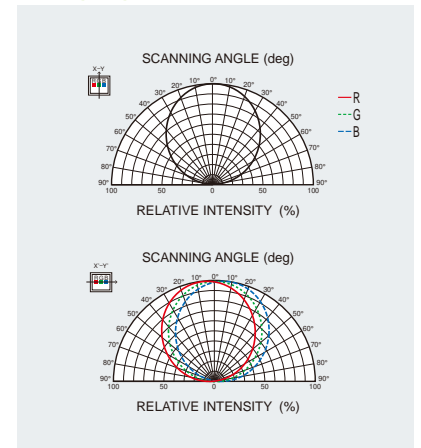
### Dimensions



### Recommended Solder Pattern

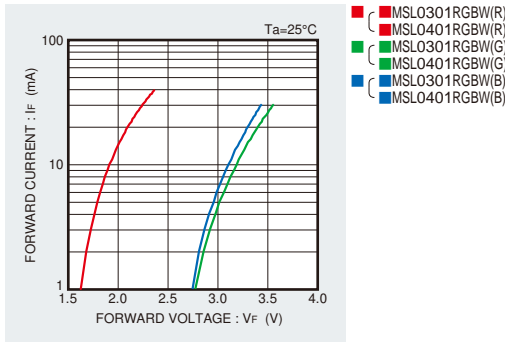


### Viewing Angle

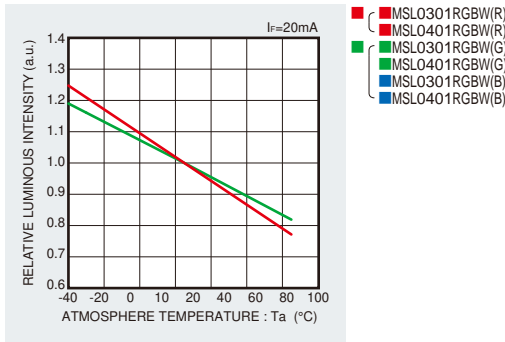


Electrical Characteristics Curves

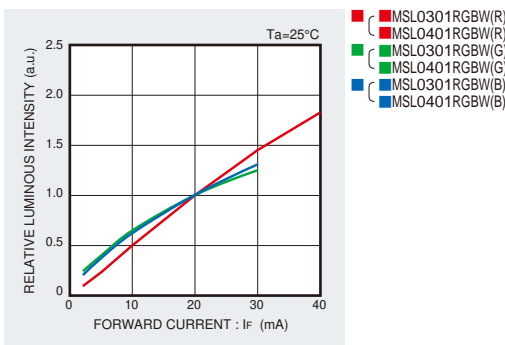
Forward Current-Forward Voltage



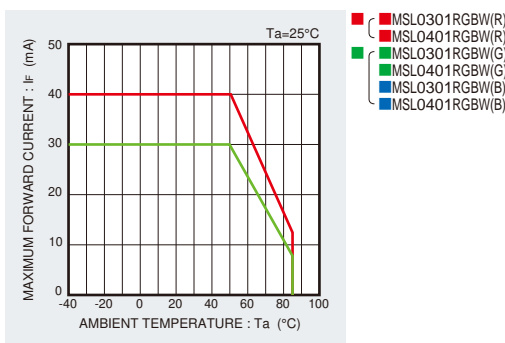
Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating



## Notes

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- 2) Before you use our Products, please contact our sales representative and verify the latest specifications :
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