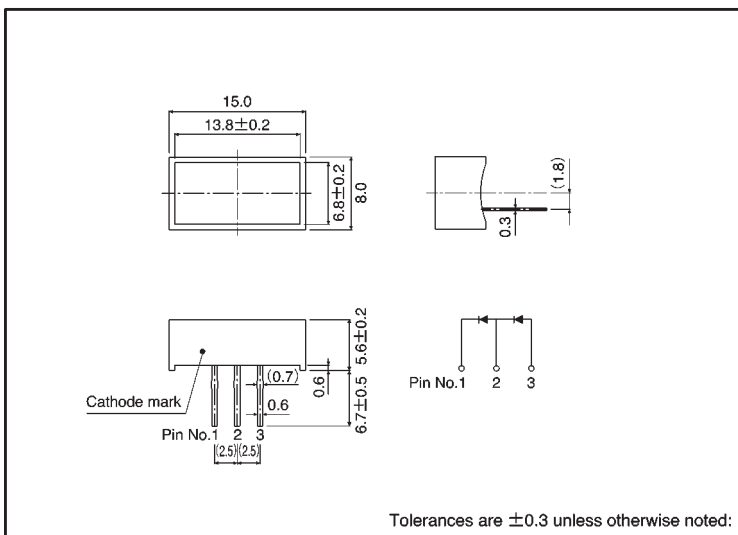


●Features

- External dimensions (Units: mm)



Emitting color	Red	Orange	Yellow	Green
Type	LD-603VR	LD-603DU	LD-603YY	LD-603MG

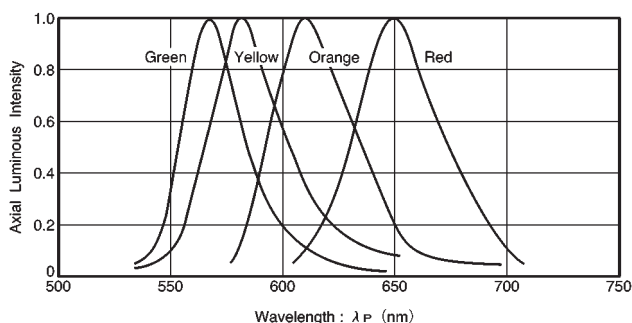
[illegible]

228

●Electrical and optical characteristics (Ta = 25°C)

Parameter	Symbol	Conditions	Red			Orange			Yellow			Green			Unit
			Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	
Forward voltage	V_F	$I_F=10\text{mA}$	—	4.0	5.6	—	4.0	5.6	—	4.2	5.6	—	4.2	5.6	V
Reverse current	I_R	$V_R=3\text{V}$	—	—	10	—	—	10	—	—	10	—	—	10	μA
Peak wavelength	λ_P	$I_F=10\text{mA}$	—	650	—	—	610	—	—	585	—	—	563	—	nm
Spectral line half width	$\Delta\lambda$	$I_F=10\text{mA}$	—	40	—	—	40	—	—	40	—	—	40	—	nm

●Luminous intensity vs. wavelength



●Luminous intensity

Color	Type	Min.	Typ.	Max.	Unit
Red	LD-603VR	1.4	4.0	—	mcd
Orange	LD-603DU	2.2	6.3	—	mcd
Yellow	LD-603YY	2.2	6.3	—	mcd
Green	LD-603MG	2.2	6.3	—	mcd

Note 1: Measured at $I_F = 10\text{mA}$

Note 2: Current passes through 2 elements.

●Operation notes

When forming leads, the bend should be at least 2 mm from the base of the package. Solder after forming the leads, and ensure that the inside of the LED is not subjected to mechanical stress while it is hot.