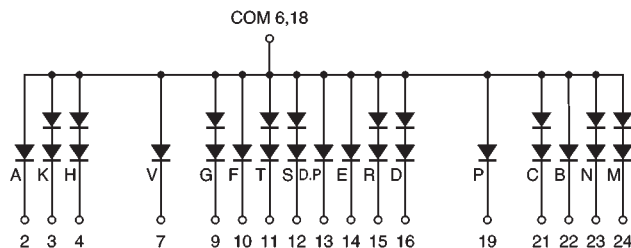


●Internal circuit schematic (example of common anode)



●Absolute maximum ratings ($T_a = 25^{\circ}\text{C}$)

Parameter	Symbol	Red	Unit
		LA-131LA / LK	
Power dissipation	P_D	1500	mW
Power dissipation	P_D / seg	125 / 2 elements 62.5 / 1 element	mW
Forward current	I_F	25	mA
Peak forward current	I_{FP}	80*	mA
Reverse voltage	V_R	8 / 2 elements 4 / 1 element	V
Operating temperature	T_{opr}	$-25 \sim +75$	$^{\circ}\text{C}$
Storage temperature	T_{stg}	$-30 \sim +85$	$^{\circ}\text{C}$

* Pulse width 1ms duty 1 / 5

●Electrical and optical characteristics ($T_a = 25^{\circ}\text{C}$)

Parameter	Symbol	Conditions	Red			Unit
			Min.	Typ.	Max.	
Forward voltage	V_F	$I_F = 20\text{mA}$	—	1.75	2.5	V
Reverse current	I_R	$V_R = 3\text{V}$	—	—	100	μA
Peak wavelength	λ_P	$I_F = 20\text{mA}$	—	660	—	nm
Spectral line half width	$\Delta \lambda$	$I_F = 20\text{mA}$	—	25	—	nm

© Not designed for radiation resistance.
The forward voltage and reverse current values are the guaranteed values per element.

●Luminous intensity

Color	λ_P	Type	Min.	Typ.	Max.	Unit
Red	660	LA-131LA	36	100	—	mcd
		LA-131LK				

Note: Measured at $I_F = 20\text{ mA}$