

LED-Module-002



Board Specification	
Supply Input Voltage	40VDC
Current Consumption	100mA
LED per Board	60LEDs
PCB Type	FR4

LED Specification	
LED Part no.	DDW-WJG-X3X7-R,X5VU
Manufacturer	Dominant
LED Color	Day Light

Optical Characteristics at $T_i=25^{\circ}\text{C}$.

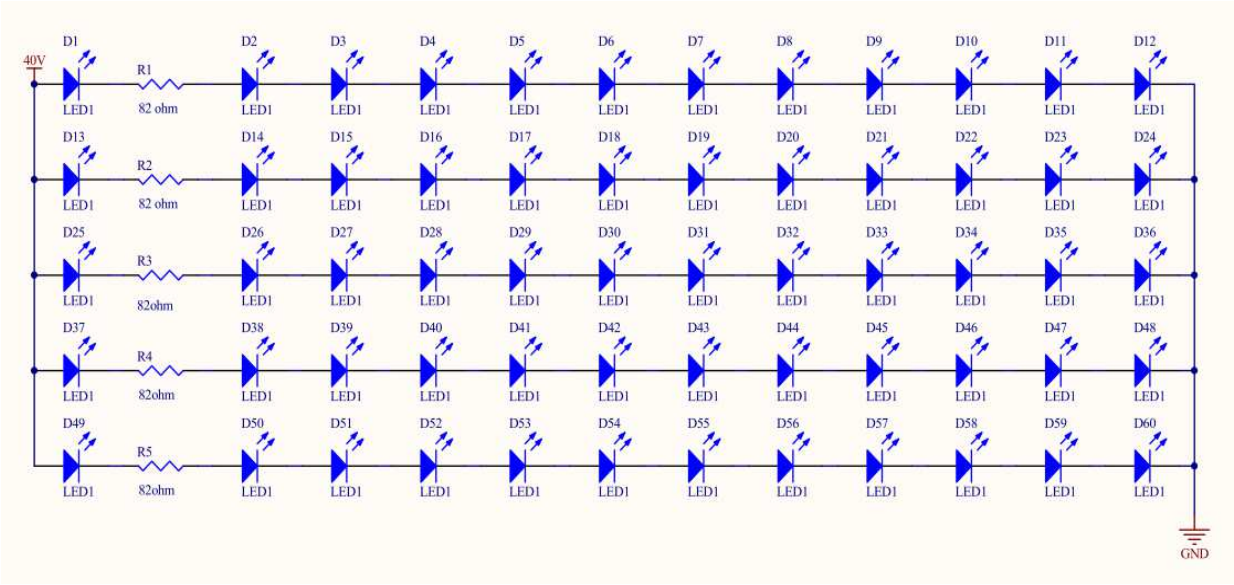
Part Ordering Number	Viewing angle	Luminous Intensity @ $I_f=20\text{mA}$		Flux @ $I_f=20\text{mA}$
		Min	Max	Typical
DDW-WJG-X3X7-R,X5VU	120	2200	2400	6.21

Electrical Characteristics at $T_i=25^{\circ}\text{C}$.

Part Number	V_f @ $I_f=20\text{mA}$			V_r @ $I_r=10\mu\text{A}$
	Min.(V)	Typ.(V)	Max.(V)	Min.(V)
DDW-WJG-X3X7-R,X5VU	2.9	3.2	3.5	5

Forward voltage, V_f is measured with an accuracy of $\pm 0.1\text{V}$.

Schematic



PCB Layout

