

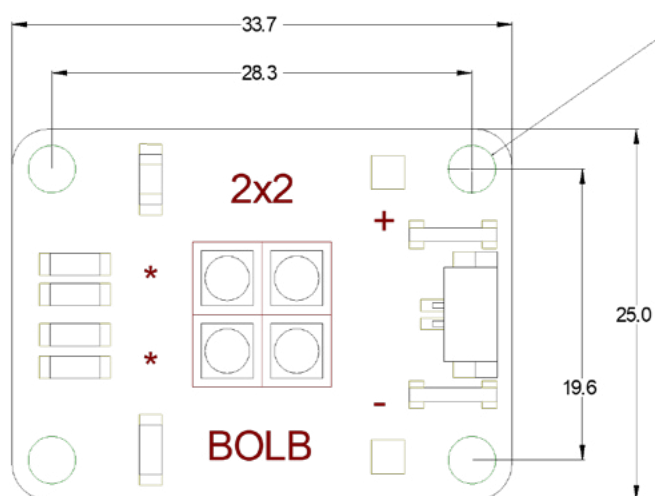


High Power 265nm UV-C LED Module

2x2 SMD3535-H Arrays with Pico-Blade Connectors

(V1.1, August 2024)

(PCB Thickness = 1.5mm, Total thickness = 5mm)



Performance at 25°C ambient and active cooling at 350 mA per LED

Parameter	Symbol	Unit	Min.	Typ. 350mA/LED	Max
Peak Wavelength	λ_p	nm	260	265	270
Radiant Flux	ϕ_e	W_{opt}	0.36	0.55	0.72
Forward Voltage (LED + Driver electronics)	V_F	V	16	17	20
Forward Current	I_F	A	0.5	0.7	1.0
Spectrum Half Width	$\Delta\lambda$	nm	-	11	-
View Angle	$2\theta_{1/2}$	°	-	70	-
Thermal Resistance	R_{J-b}	°C/W	-	<10 (TBD)	-