



SUNLED

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20793 E. VALLEY BLVD. #C

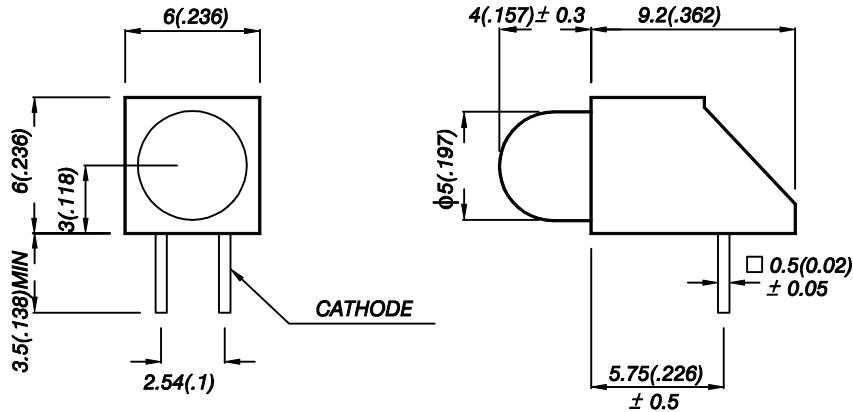
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VB1LBB50W-1

T 1 3/4(5mm) RIGHT ANGLE LED INDICATORS



* Absolute Maximum Ratings

DC Forward Current I_F 30 mA

Reverse Voltage V_R 5 V

Peak Forward Current I_F 100 mA
1/10 Duty Cycle
0.1 ms Pulse Width

Operating Temperature T_{stg} -20~+80 °C

Storage Temperature T_{opr} -30~+85 °C

NOTES :

1.All dimensions are in millimeters(inches)

2.Tolerance is ± 0.25mm(0.01")unless otherwise noted.

* Electrical and Optical Characteristics ($T_A=25^\circ\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	UNIT
Forward Voltage	V_F	$I_F=20\text{mA}$	-	3.5	4.0	V
Reverse Current	I_R	$V_R=5\text{V}$	-	-	10	uA
Peak Emission Wavelength	λ_p	$I_F=20\text{mA}$	-	468	-	nm
Spectral half-width	$\Delta\lambda$	$I_F=20\text{mA}$	-	26	-	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($I_F=20\text{mA}$)	Wavelength (nm)	Viewing Angle
				mcd		
				min.	typ.	
VB1LBB50W-1	blue	InGaN	water clear	500	1000	468 16°