

Part No.: 10VAL12HW3C

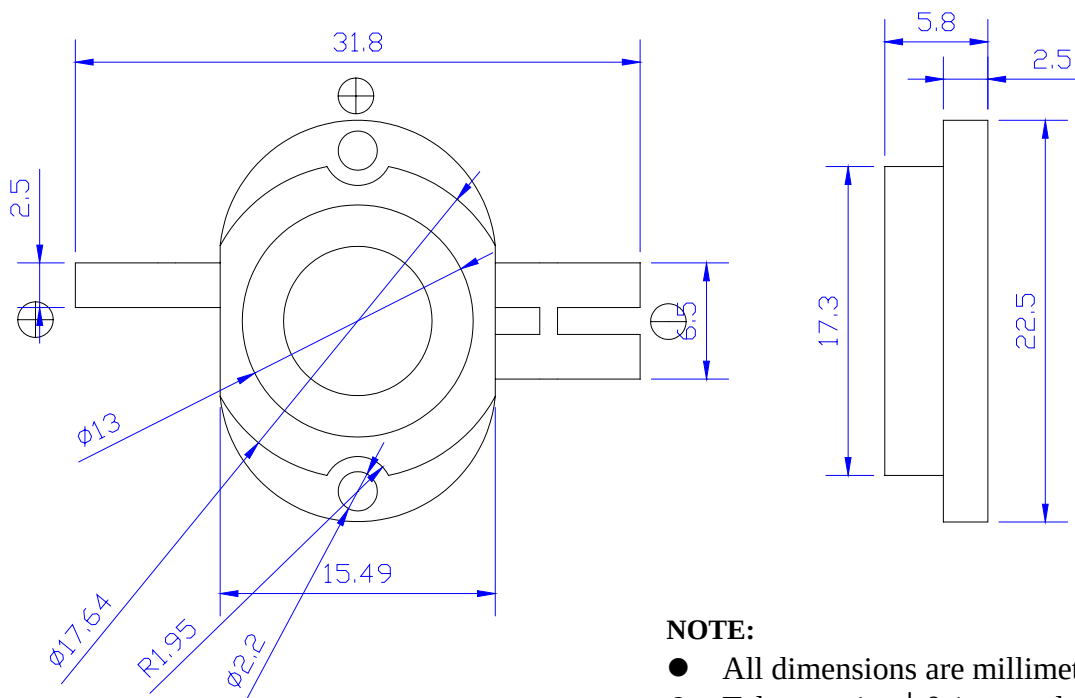
Features :

- Highest Flux
- High reliability and Very long operating life
- Low voltage DC operated
- More Energy Efficient
- RoHS Compliant

Typical Applications :

- Lighting
- Portable
- Automobile
- Decorations

Package Outlines: (Unit: mm)



NOTE:

- All dimensions are millimeter.
- Tolerance is $\pm 0.1\text{mm}$ unless noted

Part No.: 10VAL12HW3C
Absolute maximum ratings (Ta = 25°C)

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
DC Forward Current	I _F	----	----	700	mA
Power Dissipation	P _d	----	----	10	W
Operating Temperature	T _{opr}	----	-25	+85	°C
Storage Temperature	T _{str}	----	-40	+100	°C
ESD Sensitivity	---	HBM	8000	---	V

Electrical and optical characteristics (Ta = 25°C)

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	V _F		13	14.2	16	V
Luminous Flux	Φ _v	I _F = 700mA	360	400	----	lm
Viewing Angle	2θ 1/2		----	120	----	Deg.
Color Temperature	CCT		----	3300	----	K

Luminous Flux Bins (Ta = 25°C)
Unit: lm

Bin	X	Y	Z
Min	360	400	450
Max	400	450	500

CCT Bins (Ta = 25°C)
Unit: K

Bin	W0	W1	W2
Min	----	3000K	3300K
Max	3000	3300K	3600K