



BVB-DA311-A

DESCRIPTION

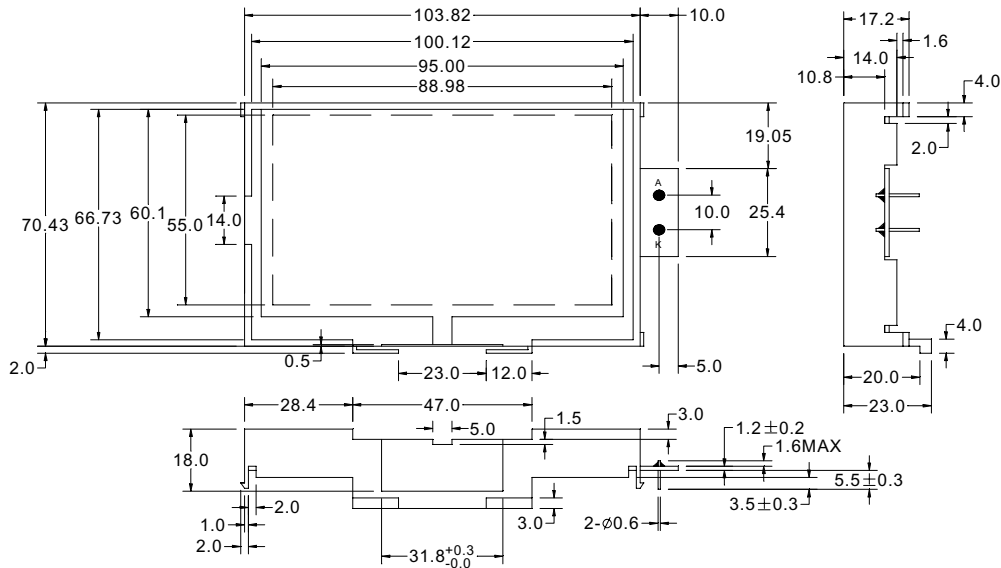
Dice Material : GaP/GaP Yellow Green

Light Color : Green Color

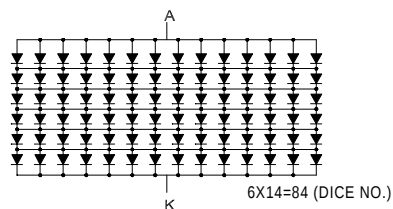
Reflector Color : White Color

PACKAGE CONFIGURATION

Tolerance : ± 0.2 mm



TYPICAL INTERNAL EQUIVALENT CIRCUIT



ABSOLUTE MAXIMUM RATINGS AT Ta = 25 °C

PARAMETER	MAX.	UNIT
Power Dissipation	2.8	W
DC Forward Current	210	mA
Reverse Voltage	15	V
Operating Temperature Range	-20 °C to + 70 °C	
Storage Temperature Range	-30 °C to + 80 °C	

ELECTRICAL / OPTICAL CHARACTERISTICS AT Ta = 25 °C

SYMBOL	PARAMETER	TEST COND.	MIN.	TYP.	MAX.	UNIT
V _F	Forward Voltage	I _F = 140 mA		12.0	13.5	V
I _R	Reverse Current	V _R = 15 V			2.0	mA
λ_p	Peak Emission Wavelength	I _F = 140 mA		567		nm
λ_d	Dominant Wavelength	I _F = 140 mA		572		nm
I _V	Luminous Intensity	I _F = 140 mA	80	120		cd/m ²
	Luminous Uniformity	I _F = 140 mA		30	50	%

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*Dominant Wavelength, λ_d is according to CIE Chromaticity Diagram base on color of lamps.

* $\theta_{1/2}$ is the off-axis angle where the luminous intensity is one half the on-axis intensity.