



BVB-DB011-A

DESCRIPTION

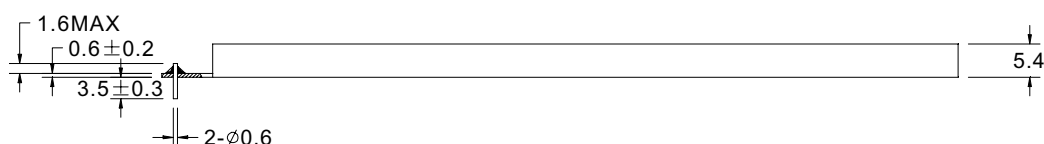
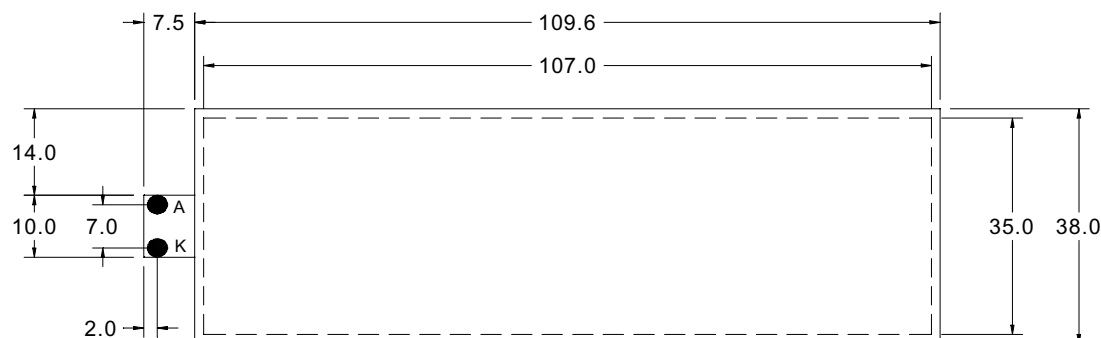
Dice Material : GaP/GaP Yellow Green

Light Color : Green Color

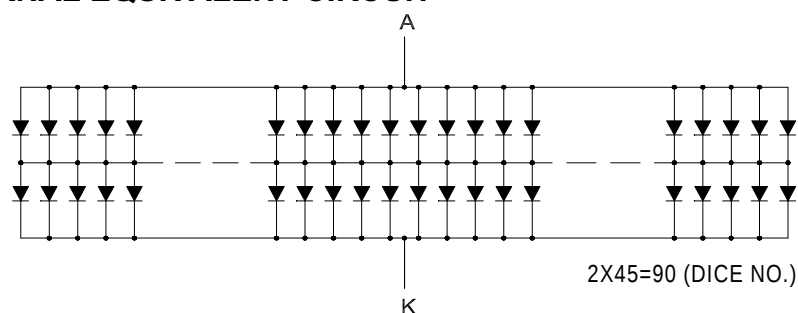
Reflector Color : White Color

PACKAGE CONFIGURATION

Tolerance : ± 0.2 mm



TYPICAL INTERNAL EQUIVALENT CIRCUIT



ABSOLUTE MAXIMUM RATINGS AT Ta = 25 °C

PARAMETER	MAX.	UNIT
Power Dissipation	2.7	W
DC Forward Current	675	mA
Reverse Voltage	8	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 = 450 mA		4.0	4.5	V
I R	Reverse Current	V R = 8 V			2.0	mA
λ p	Peak Emission Wavelength	I F = 450 mA		567		nm
λ d	Dominant Wavelength	I F = 450 mA		572		nm
I v	Luminous Intensity	I F = 450 mA	120	180		cd/m ²
	Luminous Uniformity	I F = 450 mA		30	50	%

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