

BVB-D5701F-A

DESCRIPTION

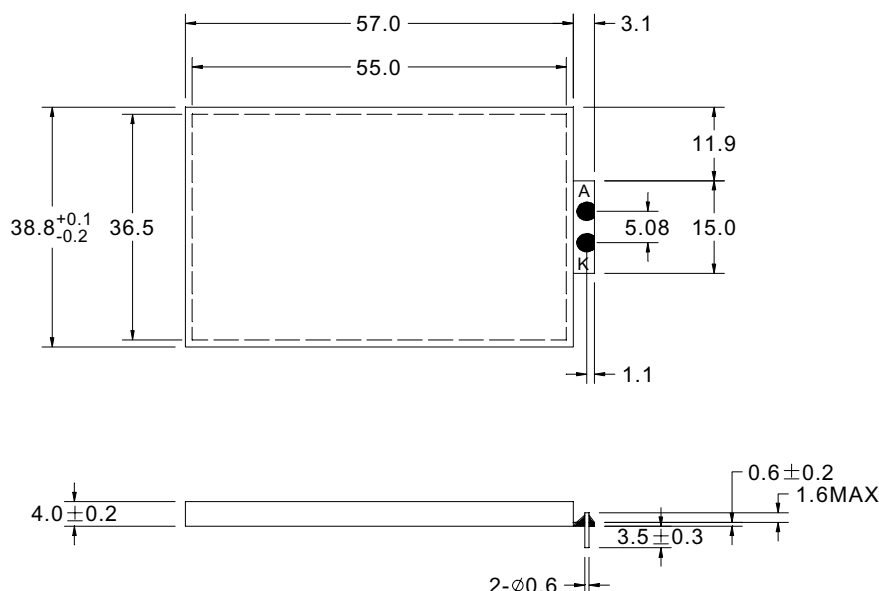
Dice Material : GaP/GaP Yellow Green

Light Color : Green Color

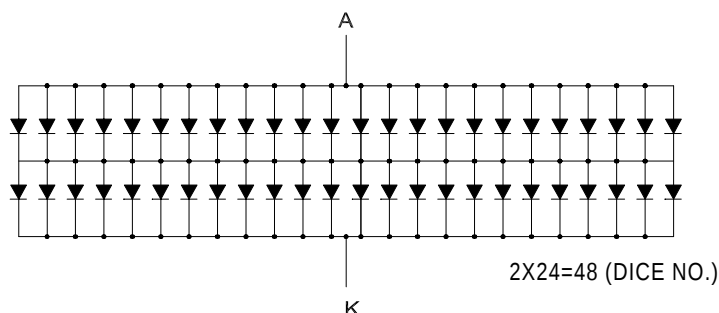
Reflector Color : White Color

PACKAGE CONFIGURATION

Tolerance : ± 0.2 mm



TYPICAL INTERNAL EQUIVALENT CIRCUIT



ABSOLUTE MAXIMUM RATINGS AT $T_a = 25^\circ\text{C}$

PARAMETER	MAX.	UNIT
Power Dissipation	1.5	W
DC Forward Current	360	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 $T_a = 25^\circ\text{C}$

SYMBOL		PARAMETER	TEST COND.	MIN.	TYP.	MAX.	UNIT
V F	Forward	Voltage	I F = 110 mA		3.8	4.5	V
I R	Reverse	Current	V R = 8 V			2.0	mA
λ p	Peak	Emission Wavelength	I F = 110 mA		568		nm
λ d	Dominant	Wavelength	I F = 110 mA		573		nm
I v	Luminous	Intensity	I F = 110 mA	100	150		cd/m ²
	Luminous	Uniformity	I F = 110 mA		30	50	%

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