



BVB-D8002E-A

DESCRIPTION

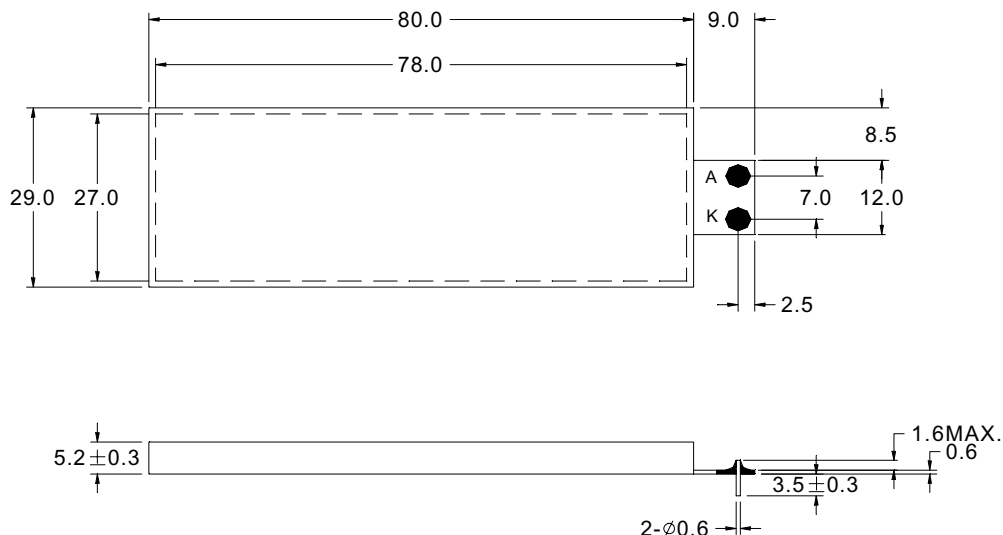
Dice Material : GaAsP/GaP Orange

Light Color : Orange Color

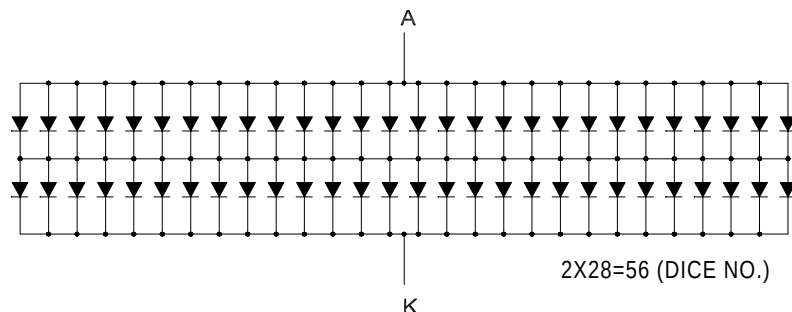
Reflector Color : White Color

PACKAGE CONFIGURATION

Tolerance : ± 0.2 mm



TYPICAL INTERNAL EQUIVALENT CIRCUIT



ABSOLUTE MAXIMUM RATINGS AT Ta = 25 °C

PARAMETER	MAX.	UNIT
Power Dissipation	1.7	W
DC Forward Current	420	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 = 280 mA		3.8	4.2	V
I R	Reverse Current	V R = 8 V			2.0	mA
λ p	Peak Emission Wavelength	I F = 280 mA		632		nm
λ d	Dominant Wavelength	I F = 280 mA		622		nm
I v	Luminous Intensity	I F = 280 mA	100	150		cd/m ²
	Luminous Uniformity	I F = 280 mA		30	50	%

*Bright View reserves the rights to alter specifications and remove availability of products at any time without notice.