



BVB-DA101RS-A

DESCRIPTION

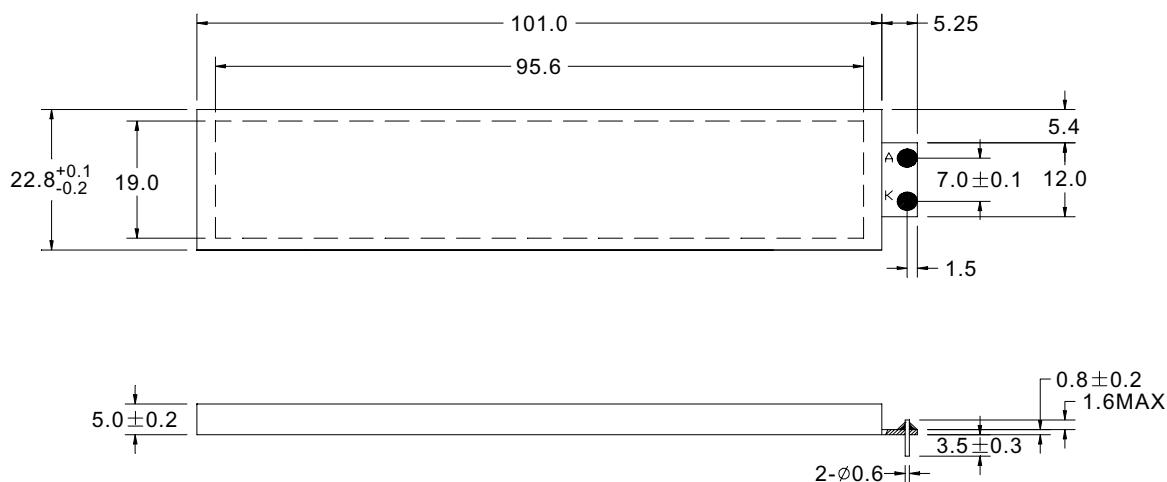
Dice Material : GaAlAs/GaAs,SH Super Brightness Red

Light Color : Red Color

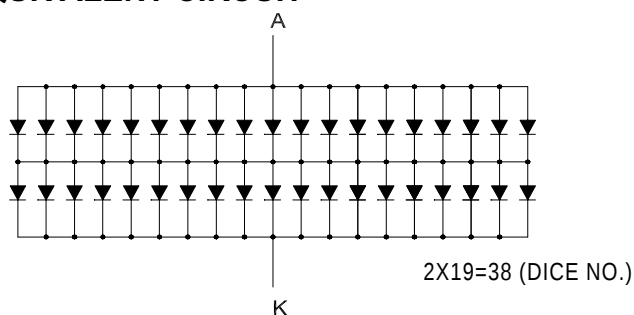
Reflector Color : White Color

PACKAGE CONFIGURATION

Tolerance : ± 0.2 mm



TYPICAL INTERNAL EQUIVALENT CIRCUIT



ABSOLUTE MAXIMUM RATINGS AT Ta = 25 °C

PARAMETER	MAX.	UNIT
Power Dissipation	1.1	W
DC Forward Current	285	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 = 190 mA		3.5	4.0	V
I _R	Reverse Current	V _R = 8 V			2.0	mA
λ_p	Peak Emission Wavelength	I _F = 190 mA		660		nm
λ_d	Dominant Wavelength	I _F = 190 mA		643		nm
I _v	Luminous Intensity	I _F = 190 mA	170	250		cd/m ²
	Luminous Uniformity	I _F = 190 mA		30	50	%

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