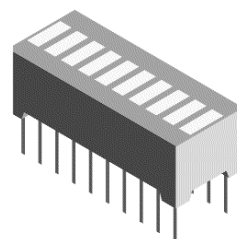


10 Digits Bars Graph Display

VB 1V1DG-3

Main Features:

- ⊙ Low power consumption
- ⊙ Free combination on the color option.
- ⊙ Excellent character appearance
- ⊙ Long life solid state reliability
- ⊙ White diffused lens with gray surface reflector
- ⊙ AlGaInP technology
- ⊙ High luminous under low current driving condition



Applications

- Lighting indicator
- Status lights
- ON/OFF indicator
- Backlight illumination
- Front panel indicator

RoHS



Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	λ (nm)		Lens Color	Iv(mcd)		View Angle (2 θ 1/2)	VF(V)	
		λ_d	λ_p		Min.	Typ.		Typ.	Max.
VB 1V1DG-2	Red 	624	632	Diffuse	7.1	11.2	140	2.0	2.4
	Yellow 	589	591		9.0	28.0		2.0	2.4
	Green 	573	575		7.1	14.0		2.0	2.4

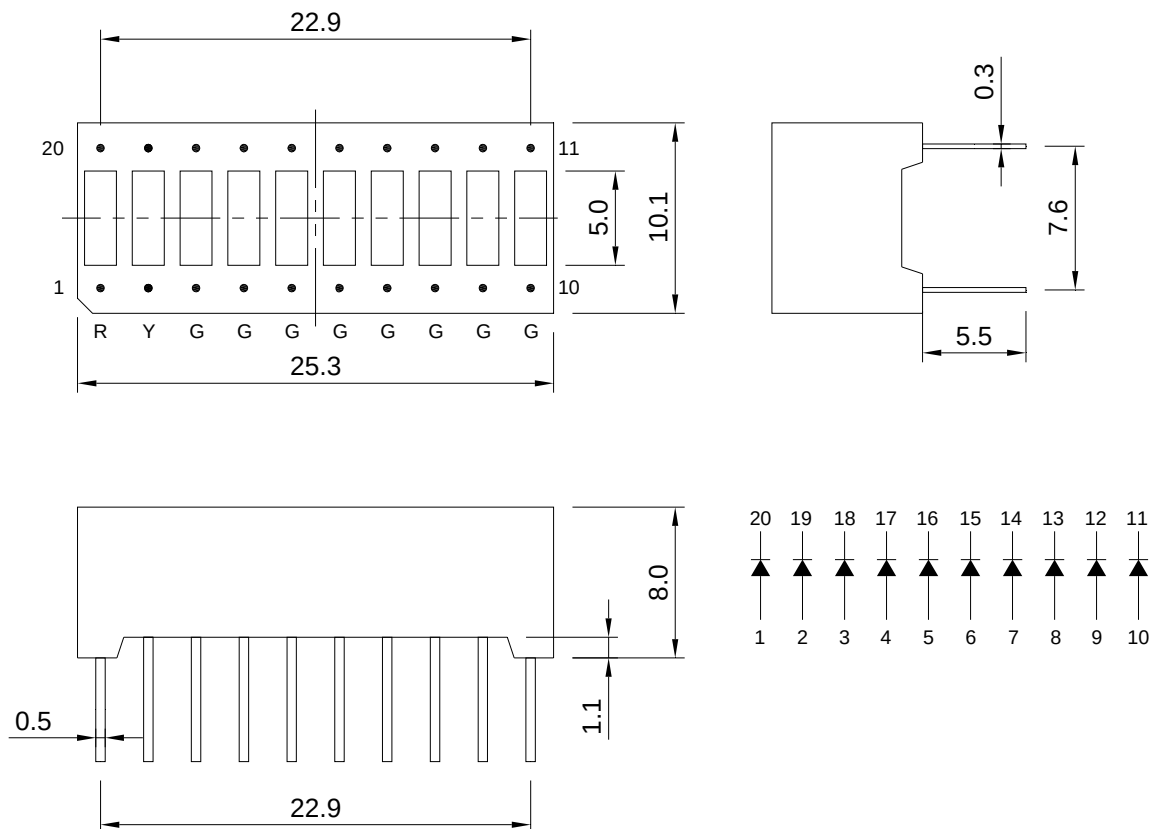
Absolute Maximum Ratings at Ta=25°C

Emitted Color	P _D (mW)	ESD(V)	I _F (mA)	T _{sol} (°C)	I _R (uA)@V _R =5V	T _{opr} (°C)	T _{stg} (°C)
Red	60	2000	25	260±5	10	-40~+85	-40~+100
Yellow	60	2000	25	260±5	10	-40~+85	-40~+100
Green	60	2000	25	260±5	10	-40~+85	-40~+100

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specified ratings in this table will result degradation of LED life-span and may cause LED to fail.

Package Dimension:

unit: mm



Notes:

1. All dimensions are millimeters.
2. Dimensional tolerance is $\pm 0.2\text{mm}$ unless otherwise specified.
3. Specifications are subject to change without notice.