

# MICRO ELECTRONICS

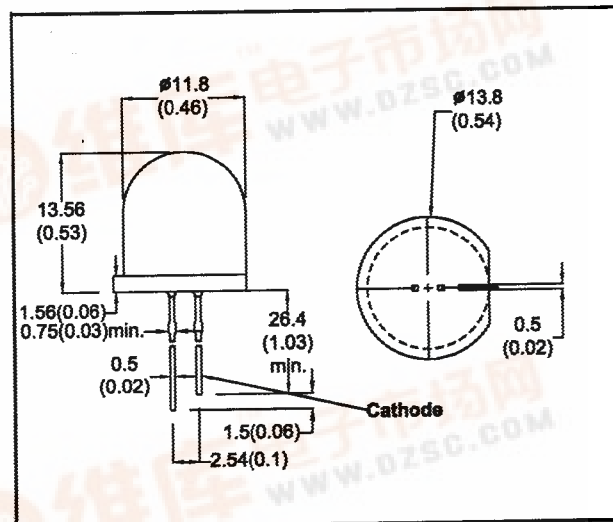
## M2GB120DA-3

查询M2GB120DA-3供应商 捷多邦, 专业PCB打样工厂, 24小时加急出货

### HIGH BRIGHTNESS GREEN LED LAMP

#### DESCRIPTION

M2GB120DA-3 is high brightness output GaP green LED lamp encapsulated in a 12mm diameter large package, green diffused lens.



- All dimension in mm(inch)
- No Scale
- Tol. : +/-0.3mm

#### ABSOLUTE MAXIMUM RATINGS

Power Dissipation @  $T_a=25^{\circ}\text{C}$   
 Forward Current, DC (IF)  
 Reverse Voltage  
 Operating & Storage Temperature Range  
 Lead Soldering Temperature (1/16" form body)

180mW  
 60mA  
 5V  
 $-55$  to  $+100^{\circ}\text{C}$   
 $260^{\circ}\text{C}$  for 5 sec.

#### ELECTRO-OPTICAL CHARACTERISTICS ( $T_a=25^{\circ}\text{C}$ )

| PARAMETER                 | SYMBOL          | MIN | TYP | MAX | UNIT   | CONDITIONS     |
|---------------------------|-----------------|-----|-----|-----|--------|----------------|
| Forward Voltage           | VF              |     | 2.2 | 3.0 | V      | IF=40mA        |
| Reverse Breakdown Voltage | BVR             | 5   |     |     | V      | IR=200 $\mu$ A |
| Luminous Intensity        | IV              | 35  | 50  |     |        | IF=40mA        |
| Peak Wavelength           | $\lambda_p$     |     | 570 |     | nm     | IF=40mA        |
| Spectral Line Half Width  | $\Delta\lambda$ |     | 30  |     | nm     | IF=40mA        |
| Viewing Angle             | 2 $\theta$ 1/2  |     | 66  |     | degree | IF=40mA        |



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