



## **SPECIFICATION FOR APPROVAL**

Part Name

**(5MM Round RGB CC (Common Cathode))**

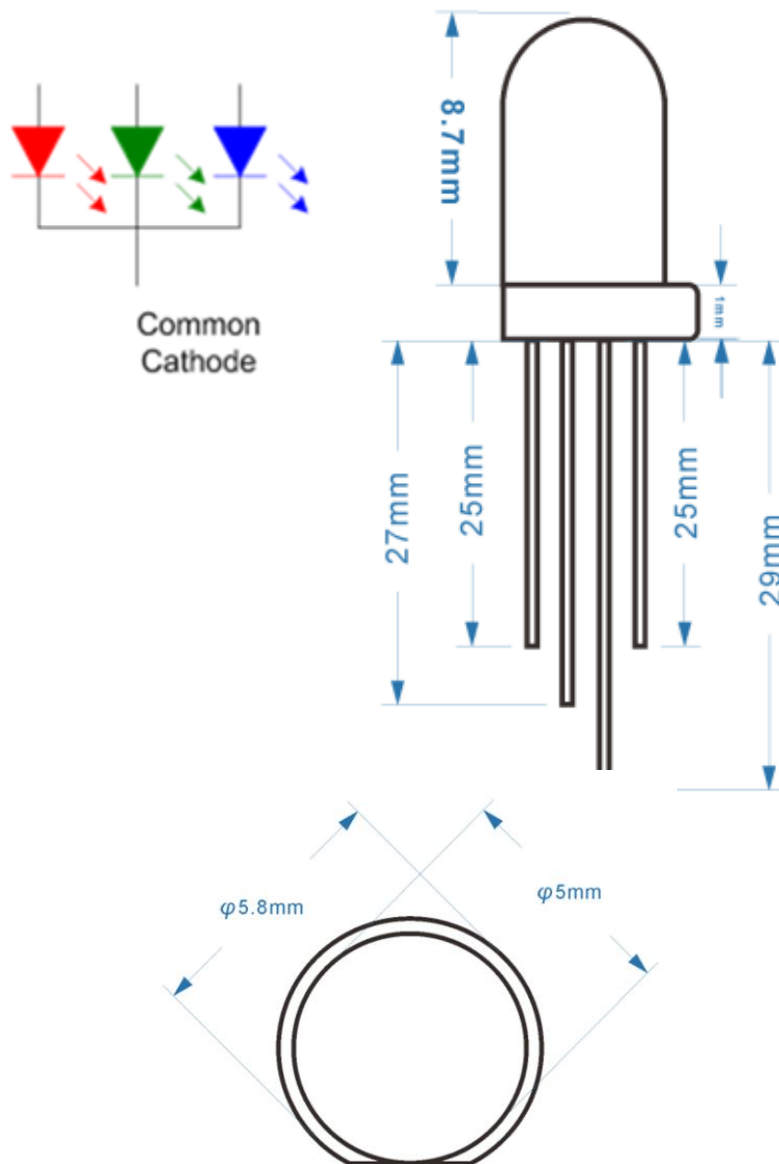
### Absolute Maximum Ratings

**(T<sub>A</sub>=25° C)**

| Product number | Package form | Peak wavelength<br>$\lambda_P$ (nm) | Forward Voltage<br>$V_{OF}$ (V) | Reverse Current<br>$I_R$ (uA) | Luminous Intensity<br>$T_{YPV}$ (mcd) | Dominant Wave Length |
|----------------|--------------|-------------------------------------|---------------------------------|-------------------------------|---------------------------------------|----------------------|
|                |              | $I_F=20mA$                          | $I_F=20mA$                      | $V_R=5V$                      | $I_F=20mA$                            | $I_F=20mA$           |
| 5RGB9SWF       | cream        | 620-625                             | 1.9-2.2                         | $5V \leq 5UA$                 | 300-500                               | 623                  |
|                |              | 520-523                             | 2.9-3.4                         |                               | 1000-1500                             | 521                  |
|                |              | 467-470                             | 2.9-3.4                         |                               | 500-800                               | 468                  |

## Shape and Size

### Limit parameters



Maximum power  
consumption  
 $P_M=70\text{mw}/105\text{ mw}/105\text{w}$

Maximum forward current  
 $I_{FM}=30\text{mA}$

Forward pulse peak current  
 $I_{FP}=75\text{mA}$

Reverse voltage  
5V

Lead Soldering  
Temperature/Time  
260° C (≤6S)

Operating Temperature  
Range  
-20°C~+60°C

|                           |             |
|---------------------------|-------------|
| Storage Temperature Range | -20°C~+60°C |
|---------------------------|-------------|