

## SEVEN SEGMENT NUMERIC DISPLAY

Low Current GaAlAs Red LED Dice  
 0.56 inch Character Height  
 High Contrast  
 Wide Viewing Angle  
 Common Anode - MU356  
 Common Cathode - MU356

## ABSOLUTE MAXIMUM RATINGS

|                                      |              |
|--------------------------------------|--------------|
| Power Dissipation / Segment          | 50mW         |
| Peak Forward Current / Segment*      | 200mA        |
| Continuous Forward Current / Segment | 30mA         |
| Reverse Voltage / Segment            | 5V           |
| Operating Temperature Range          | -25 to +85°C |
| Storage Temperature Range            | -25 to +85°C |

\* Note : Pulse Width = 1mS, Duty Ratio = 1/10.

## ELECTRO-OPTICAL CHARACTERISTIC (Ta=25°C) / segment

| PARAMETER                                   | SYMBOL         | MIN | TYP | MAX | UNIT | CONDITIONS           |
|---|----------------|-----|-----|-----|------|----------------------|
| Forward Voltage                             | V <sub>F</sub> |     |     | 2.0 | V    | I <sub>F</sub> =1mA  |
| Luminous Intensity                          | I <sub>V</sub> | 420 | 600 |     | μcd  | I <sub>F</sub> =1mA  |
| Segment to Segment Luminous Intensity Ratio |                |     |     | 2:1 |      | I <sub>F</sub> =1mA  |
| Reverse Current                             | V <sub>R</sub> |     |     | 100 | μA   | V <sub>R</sub> =5V   |
| Peak Wavelength                             | λ <sub>p</sub> |     | 660 |     | nm   | I <sub>F</sub> =20mA |
| Spectral Line Half Width                    | Δλ             |     | 20  |     | nm   | I <sub>F</sub> =20mA |



