

# DISPLAY DE LED

## Datasheet

TR1-C036-VM-MCZ

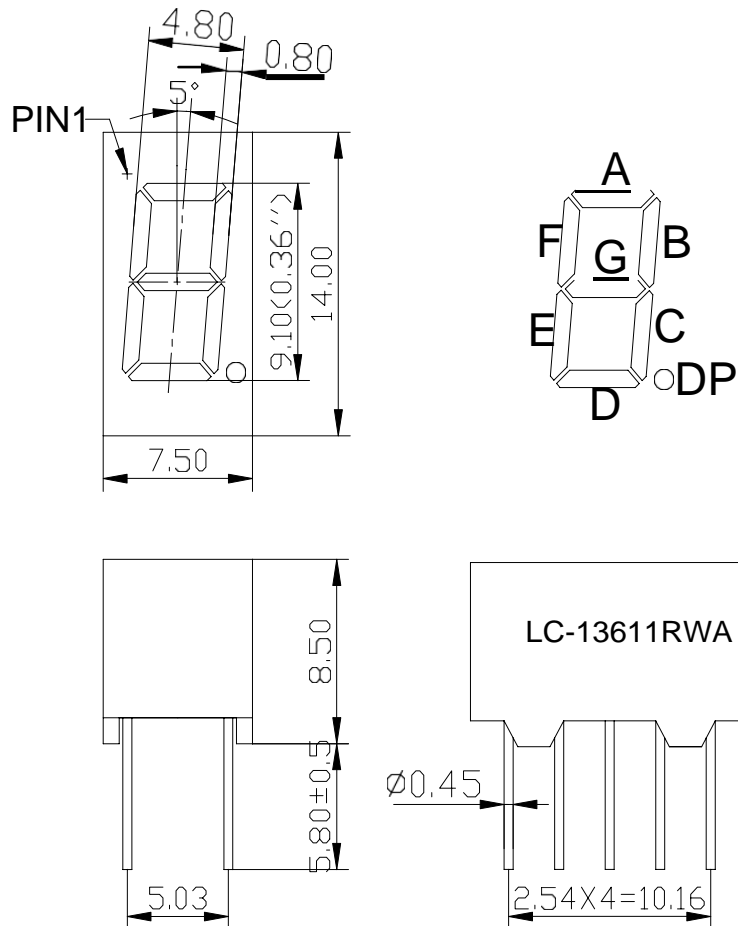
### □ Features:

- Low power consumption
- High intensity and solid state reliability
- Continuous and uniform segment
- Industrial standard size, IC compatible

### □ Description:

- Digit height 9.1mm (0.36 inch), Single digit seven-segment display
- Emitting color: Red, AlGaInP
- Gray face, White diffused epoxy
- Common cathode

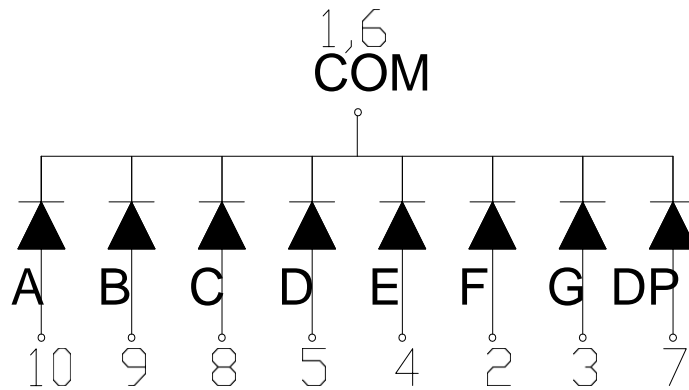
### □ Package Dimensions:



Notes:

- All dimensions are in millimeters(inches)
- Tolerance is 0.25mm(0.01") unless otherwise noted
- Above specifications may be changed without notice

□ **Internal Circuit Diagram:**



■ **Absolute Maximum Ratings At Ta=25°C:**

Parameter	Max	Unit
Reverse Voltage	5	V
Forward Current	25	mA
Operating Temperature	-40 to + 85	°C
Storage Temperature	-40 to + 85	°C
Soldering Temperature	260 ± 5 (less than 5 sec.)	°C
Power Consumption	60	mW

■ **Electrical/Optical Characteristics At Ta=25°C:**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity Per Segment	I <sub>v</sub>	—	5.0	—	mcd	I <sub>F</sub> =10mA
Dominant Wavelength	λ <sub>d</sub>	—	638	—	nm	I <sub>F</sub> =20mA
Spectrum Radiation Bandwidth	Δλ	—	20	—	nm	I <sub>F</sub> =20mA
Forward Voltage Per Segment	V <sub>f</sub>	—	2.0	—	V	I <sub>F</sub> =20mA
Reverse Current Per Segment	I <sub>r</sub>	—	—	100	μ A	V <sub>R</sub> =5V