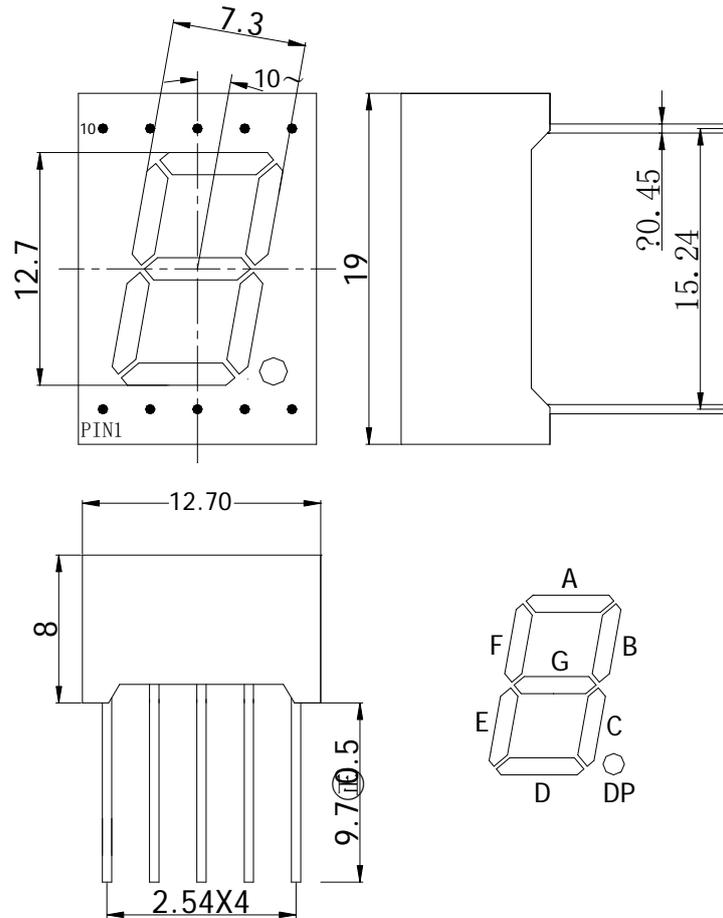
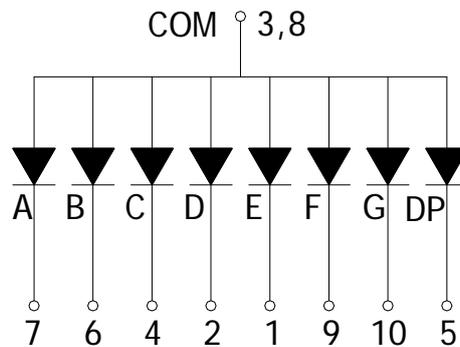


■ **Outer Dimension:**



Notes: Unless otherwise stated, The tolerance is  $\pm 0.25\text{mm}$ .

■ **Circuit Diagram:**



■ **Pin Connection:**

PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Cathode E	6	Cathode B
2	Cathode D	7	Cathode A
3	Common Anode	8	Common Anode
4	Cathode C	9	Cathode F
5	Cathode DP	10	Cathode G

■ **Features:**

- . High Reliability
- . Color: AlGaInP Red Digit

- Low Power Requirement
- Easy Assembly

■ Description:

- Single Digit Display
- Digit Height:12.7mm ( 0.50" )
- Black Face and Encapsulation With White Epoxy

■ Absolute Maximum Rating (Ta=25°C):

Parameter	Symbol	Condition	Color	Rating	Units
Power Dissipation Segment	P <sub>d</sub>	—	Red	65	mW
Forward Current Segment	I <sub>F</sub>	—	Red	20	mA
Derating Of If Per Segment	ΔI <sub>F</sub>	Ta ≥ 50°C	Red	0.3	mA/°C
Peak Forward Current Per Segment	I <sub>FP</sub>	1/10 Duty 10KHz	Red	100	mA
Reverse Voltage Per Segment	V <sub>R</sub>	—	Red	5	V
Operating Temperature Range	Topr	—	—	-35~+85	°C
Storage Temperature Range	Tstg	—	—	-35~+85	°C

■ Electrical/Optical Characteristics Rating(Ta=25°C)

Item	Symbol	Test conditions	Location	Color	Rating			Units
					Min.	Typ.	Max.	
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	Per Segment	Red	1.7	2.1	2.5	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	Per Segment	Red	—	—	100	μA
Luminous Intensity	I <sub>V</sub>	I <sub>F</sub> =10mA	Per Segment	Red	—	10	—	mcd
Peak Emission Wave Length	λ <sub>P</sub>	I <sub>F</sub> =20mA	Per Segment	Red	—	640	—	nm
	λ <sub>D</sub>					630		
Spectral Line Half Width	Δλ	I <sub>F</sub> =20mA	Per Segment	Red	—	30	—	nm
Luminous Intensity Matching Ratio	I <sub>v-m</sub>	I <sub>F</sub> =20mA					2:1	

■ Pb, Cd, Hg, Cr+6, PBBs, PBDEs 6 Substances Complies To RoHS Standard.

■ Soldering Conditions: Soldering Temp. ≤+260°C, Soldering Time. ≤3sec.

(at 2mm Distance from The Case of Reflector Edge)