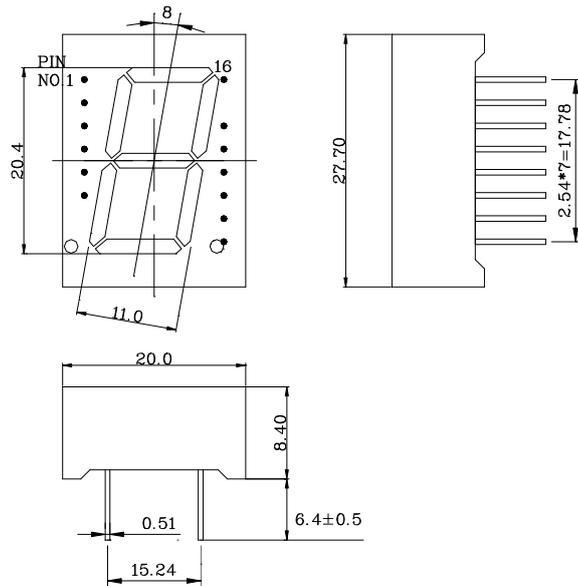
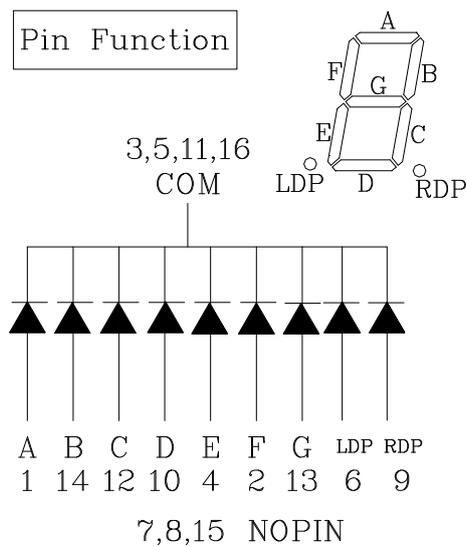


■ **Outer Dimension:**



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

■ **Circuit Diagram:**



■ **Pin Connection:**

PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Cathode A	9	Cathode RDP
2	Cathode F	10	Cathode D
3	Common Anode	11	Common Anode
4	Cathode E	12	Cathode C
5	Common Anode	13	Cathode G
6	Cathode LDP	14	Cathode B
7	NO PIN	15	NO PIN
8	NO PIN	16	Common Anode

■ **Features:**

- . High Reliability
- . Color: AlGaInP Red Digit

- Low Power Requirement

- Easy Assembly

■ Description:

- Single Digit Display

- Digit Height: 20.4mm (0.8")

- Black Face and Encapsulation With White Epoxy

■ Absolute Maximum Rating (Ta=25°C):

Parameter	Symbol	Condition	Color	Rating	Units
Power Dissipation Segment	P _d	—	Red	65	mW
Forward Current Segment	I _F	—	Red	25	mA
Derating Of If Per Segment	ΔI _F	T _a ≥ 50°C	Red	0.25	mA/°C
Peak Forward Current Per Segment	I _{FP}	1/10 Duty 10KHz	Red	100	mA
Reverse Voltage Per Segment	V _R	—	Red	5	V
Operating Temperature Range	T _{opr}	—	—	-35~+85	°C
Storage Temperature Range	T _{stg}	—	—	-35~+85	°C

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

Item	Symbol	Test conditions	Location	Color	Rating			Units
					Min.	Typ.	Max.	
Forward Voltage	V _F	I _F =20mA	Per Segment	Red	1.7	2.1	2.5	V
Reverse Current	I _R	V _R =5V	Per Segment	Red	—	—	100	μA
Luminous Intensity	I _V	I _F =10mA	Per Segment	Red	—	14	—	md
Peak Emission Wave Length	λ _P	I _F =20mA	Per Segment	Red	—	640	—	nm
	λ _D					630		
Spectral Line Half Width	Δλ	I _F =20mA	Per Segment	Red	—	40	—	nm
Luminous Intensity Matching Ratio	I _{v-m}	I _F =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)