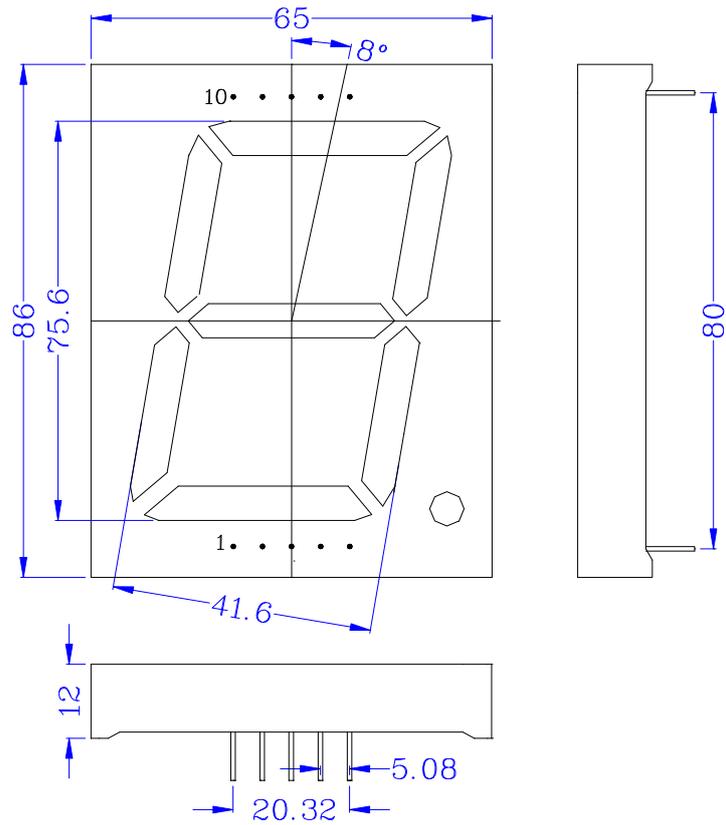
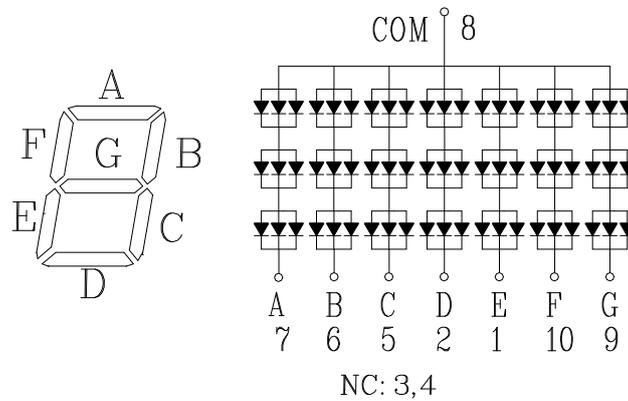


■ **Outer Dimension:**



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	NC	8	Common Anode
4	NC	9	Cathode G
5	Cathode C	10	Cathode F

■ **Features:**

- . High Reliability
- . Color: AlGaInP Red Digit
- . Low Power Requirement

- . Easy Assembly

■ **Description:**

- . Single Digit Display
- . Digit Height:75.6mm (3.0")
- . 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 I_f Per Segment	ΔI_F	$T_a \geq 50^\circ C$	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	$I_F=10mA$	Per Segment	Red	5.4	6.3	7.5	V
Reverse Current	I_R	$V_R=15V$	Per Segment	Red	—	—	100	μA
Luminous Intensity	I_V	$I_F=10mA$	Per Segment	Red	—	—	—	md
Peak Emission Wave Length	λ_D	$I_F=20mA$	Per Segment	Red	628	630	636	nm
Spectral Line Half Width	$\Delta \lambda$	$I_F=20mA$	Per Segment	Red	—	20	—	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. $\leq +260^\circ C$, Soldering Time. $\leq 3sec$.**

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