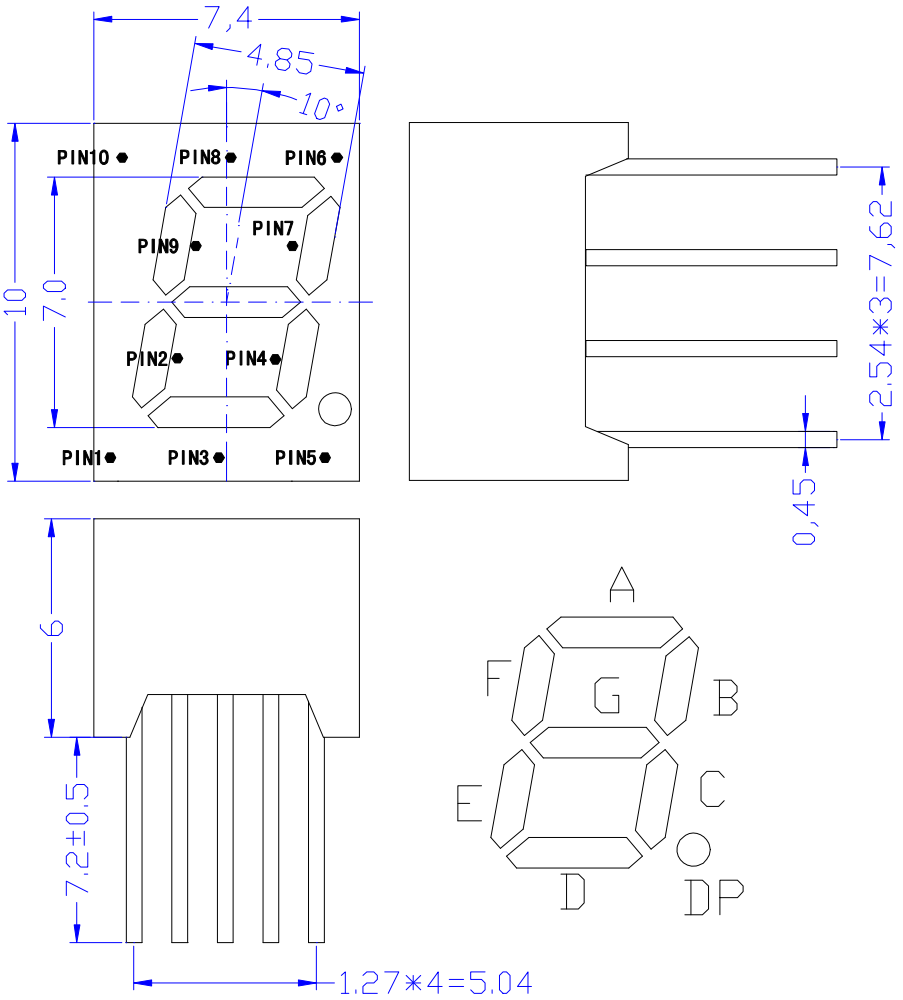
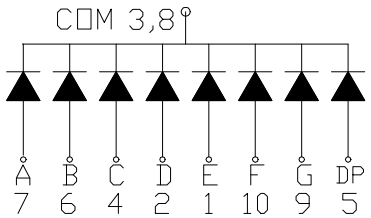
■ Outer Dimension:



Notes: Unless otherwise stated, The tolerance is ±0.25mm.

■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 G
5	Cathode DP	10	Cathode F

■ Features:

- **High Reliability**
- **Color : Red Digit**
- **Low Power Requirement**

- Easy Assembly

■ **Description:**

- Single Digit Display
- Digit Height:7mm(0.28″)
- Black surface and Molding With White Epoxy Common Anode

■**Absolute Maximum Rating (Ta=25℃):**

Parameter	Symbol	Condition	Color	Rating	Units
Power Dissipation Per Segment	P_d	—	Red	60	mW
Forward Current Per Segment	I_F	—	Red	20	mA
Derating Of If Per Segment	$\triangle I_F$	Ta≧25℃	Red	0.25	mA/℃
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	Topr	—	—	-40～+85	℃
Storage Temperature Range	Tstg	—	—	-40～+85	℃

■**Electrical/Optical Characteristics Rating(Ta=25℃)**

Item	Symbol	Test conditions	Location	Color	Rating			Units
					Min.	Typ.	Max.	
Forward Voltage	V_F	I_F=20mA	Per Segment	Red	—	2	2.4	V
Reverse Current	I_R	V_R=5V	Per Segment	Red	—	—	100	μA
Luminous Intensity	I_V	I_F=10mA	Per Segment	Red	—	8	—	mcd
Peak Emission Wave Length	λ_P	I_F=20mA	Per Segment	Red	—	638	—	nm
	λ_D					629		
Spectral Line Half Width	$\triangle\lambda$	I_F=20mA	Per Segment	Red	—	20	—	nm
Luminous Intensity Matching Ratio(Segment To Segment)	I_{v-m}	I_F=10mA					2:1	

■ **Remark: Use only with no-clean solder. Displays are not to be washed or cleaned, may cause segment failure.**

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

■**Soldering Conditions: Soldering Temp. ≦+260℃, Soldering Time. ≦3sec.**

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