

**SPECIFICATION FORM****FEATURES**

- ✧ 1.0 INCHES (25.40MM) DIGIT HEIGHT
- ✧ 24.00MM×34.0MM OUTLINE
- ✧ SINGLE DIGIT
- ✧ MONO COLOR
- ✧ EASY ASSEMBLY
- ✧ HIGH BRIGHTNESS
- ✧ SOLID STATE RELIABILITY

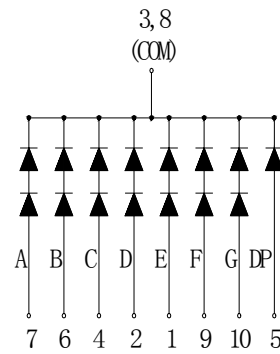
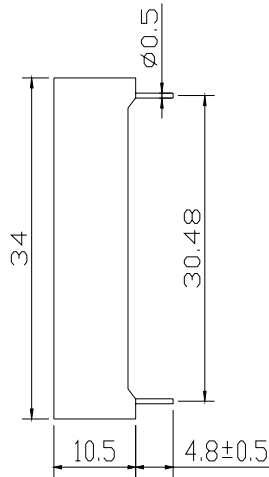
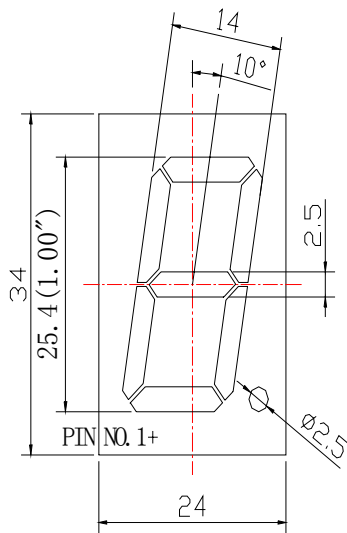
**DESCRIPTION**

The REC-S10106AG(C) is a 1.0 inches (25.40mm) digit height, 24.0mm×34.0mm outline, single color, single digit numeric display. This display utilizes yellow-green LED chips fabricated from GaP epiwafer on GaP substrate grown by liquid phase epitaxy. These devices have black face and white segments.

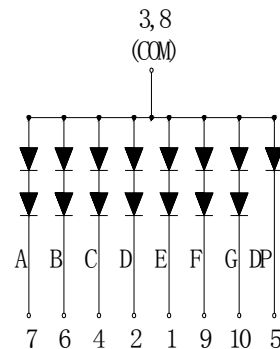
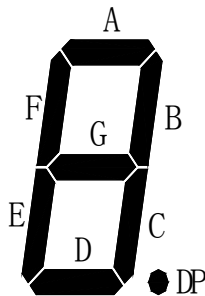
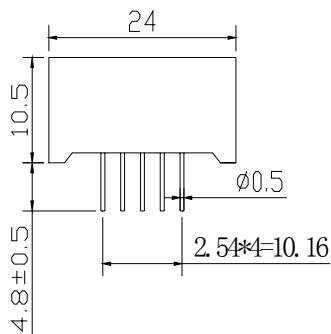
**DEVICE**

PART NO.	EMITTING COLOR	DESCRIPTION
REC-S10106AG(C)	Yellow-Green	Common Anode/Cathod

**PACKAGE DIMENSION**



- 1. ANODE E
- 2. ANODE D
- 3. COMMON CATHODE
- 4. ANODE C
- 5. ANODE DP
- 6. ANODE B
- 7. ANODE A
- 8. COMMON CATHODE
- 9. ANODE F
- 10. ANODE G



- 1. CATHODE E
- 2. CATHODE D
- 3. COMMON ANODE
- 4. CATHODE C
- 5. CATHODE DP
- 6. CATHODE B
- 7. CATHODE A
- 8. COMMON ANODE
- 9. CATHODE F
- 10. CATHODE G

**ABSOLUTE MAXIMUM RATING AT  $T_A=25^{\circ}\text{C}$** 

PARAMETER	SYMBOL	MAXIMUM	UNIT
Power Dissipation per Seg.	$P_{AD}$	130	mW
Peak Forward Current per Seg.	$I_{PF}$	80	mA
Continuous Forward Current per Seg.	$I_{AF}$	20	mA
Reverse Voltage per Seg.	$V_R$	5	V
Operating Temperature Range, $T_{opr}$	- 25° C to + 60° C		
Storage Temperature Range, $T_{stg}$	- 30° C to + 85° C		
Solder Temperature : 1 / 16 inch below seating plane for 3 seconds at 260° C			

**ELECTRO - OPTICAL CHARACTERISTICS AT  $T_A=25^{\circ}\text{C}$** 

PARAMETER	UNIT	MIN	TYPE	MAX
Luminous Intensity per Seg., $I_V$ ( $I_F=20\text{mA}$ )	mcd	10	13	17
Peak Emission Wavelength, $\lambda_p$ ( $I_F=20\text{mA}$ )	nm		572	
Special Line Half-Width, $\Delta\lambda$ ( $I_F=20\text{mA}$ )	nm		30	
Forward Voltage per Seg., $V_F$ ( $I_F=20\text{mA}$ )	V	1.7	2.15	2.5
Reverse Current per chipSeg., $I_R$ , ( $V_R=5\text{V}$ )	$\mu\text{A}$			100
Luminous Intensity Matching Ratio, $I_{V-m}$ ( $I_F=20\text{mA}$ )				2:1