

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

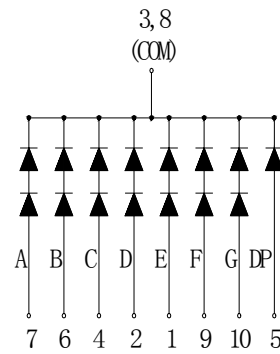
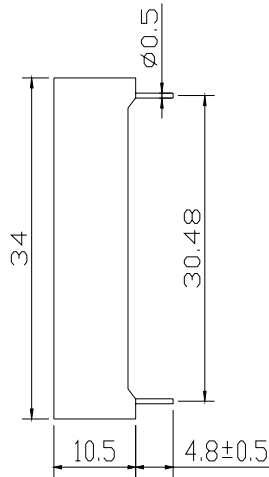
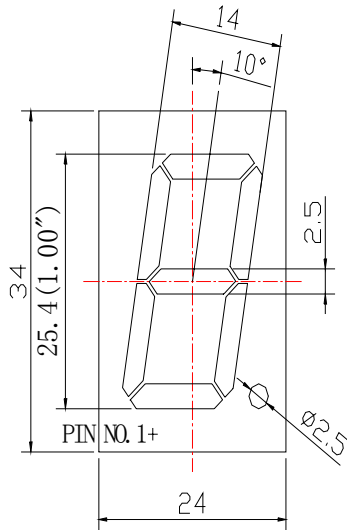
DESCRIPTION

The REC-S10106ASR(C) is a 1.0 inches (25.40mm) digit height, 24.0mm×34.0mm outline, single color, single digit numeric display. This display utilizes super-red LED chips fabricated from GaAlAs epiwafer on GaAs substrate grown by liquid phase epitaxy. These devices have black face and white segments.

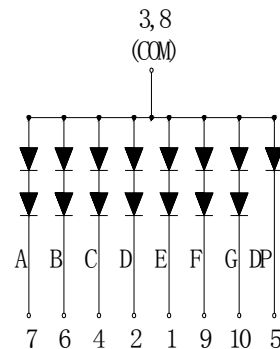
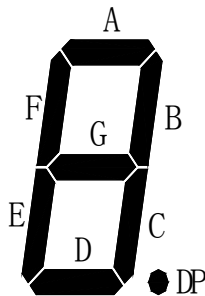
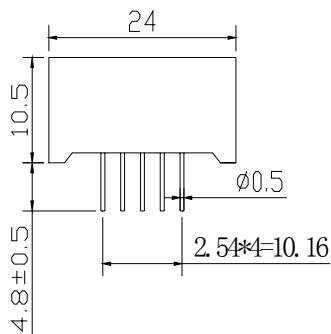
DEVICE

PART NO.	EMITTING COLOR	DESCRIPTION
REC-S10106CSR	Super-Red	Common Anode/Cathode

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



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- 2. CATHODE D
- 3. COMMON ANODE
- 4. CATHODE C
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ABSOLUTE MAXIMUM RATING AT $T_A=25^\circ\text{C}$

PARAMETER	SYMBOL	MAXIMUM	UNIT
Power Dissipation per Seg.	P_{AD}	120	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	14	15	16
Peak Emission Wavelength, λ_p ($I_F=20\text{mA}$)	nm		640	
Special Line Half-Width, $\Delta\lambda$ ($I_F=20\text{mA}$)	nm		20	
Forward Voltage per Seg., V_F ($I_F=20\text{mA}$)	V	3.2	3.6	4.2
Reverse Current per chipSeg., I_R , ($V_R=5\text{V}$)	μA			100
Luminous Intensity Matching Ratio, I_{V-m} ($I_F=20\text{mA}$)				2:1