

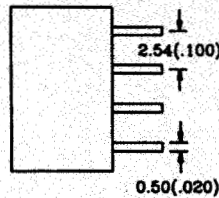
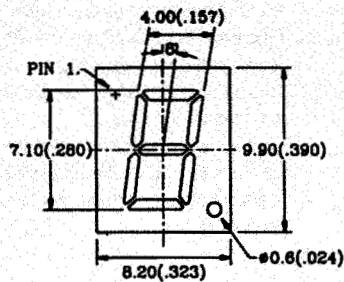
# C/A-281X series ...

## 7.10mm(0.28inch) SINGLE DIGIT DISPLAY

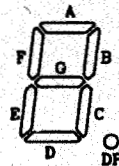
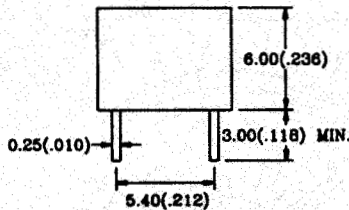
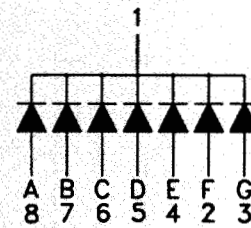
### MAIN FEATURES :

- ⊙ 7.10mm(0.28inch) HIGH CHARACTER
- ⊙ EXCELLENT CHARACTER APPERARANCE
- ⊙ COMMON CATHODE AND COMMON ANODE
- ⊙ I.C. COMPATABLE
- ⊙ LOW POWER CONSUMPTION

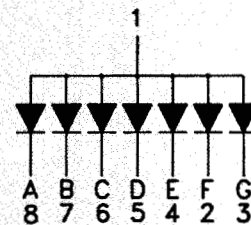
### ◆ PACKAGE DIMENSIONS



C-281X



A-281X



#### NOTES:

1. All Dimension are in millimeter(inches).
2. Tolerance is  $\pm 0.25\text{mm}(0.010\text{'})$  unless otherwise specified.

### ◆ SELECTION GUIDE AND APPLICATION INFORMATION (RATINGS AT 25°C AMBIENT)

Part No.	Remark 1 Selection of Sur / Seg Color	Chip Raw Material	C.C. or C.A.	Wave Length $\lambda$ p(nm)	Absolute Maximum Ratings					Electro-Optical Characteristics					Re- mark 2
					$\Delta \lambda$ nm	Pd mW	If mA	If (Peak)	Vf(V) Min.	Vf(V) Typ.	Vf(V) Max.	If (Rec)	Iv( $\mu$ cd) Min.	Iv( $\mu$ cd) Typ.	
C-281R	GW,BW,BR,RR	GaAsP	Common Cathode	655	40	110	40	200	1.5	1.7	2.0	10~20	200	450	
C-281H	GW,BW,BR,RR	GaP		700	90	45	15	50	1.7	2.1	2.8	5~10	300	550	
C-281E	GW,BW,BR,RR	GaAsP/GaP		635	45	100	30	160	1.7	2.0	2.8	10~20	700	1800	
C-281G	GW,BW,GGn,BGn	GaP		565	30	100	30	160	1.7	2.1	2.8	10~20	700	1600	
C-281Y	GW,BW,GY,BY	GaAsP/GaP		585	30	100	30	160	1.7	2.1	2.8	10~20	600	1500	
C-281SR	GW,BW,BR,RR	GaAlAs		660	20	60	20	160	1.6	1.8	2.1	10~20	1500	5000	
A-281R	GW,BW,BR,RR	GaAsP	Common Anode	655	40	110	40	200	1.5	1.7	2.0	10~20	200	450	
A-281H	GW,BW,BR,RR	GaP		700	90	45	15	50	1.7	2.1	2.8	5~10	300	550	
A-281E	GW,BW,BR,RR	GaAsP/GaP		635	45	100	30	160	1.7	2.0	2.8	10~20	700	1800	
A-281G	GW,BW,GGn,BGn	GaP		565	30	100	30	160	1.7	2.1	2.8	10~20	700	1600	
A-281Y	GW,BW,GY,BY	GaAsP/GaP		585	30	100	30	160	1.7	2.1	2.8	10~20	600	1500	
A-281SR	GW,BW,BR,RR	GaAlAs		660	20	60	20	160	1.6	1.8	2.1	10~20	1500	5000	

Remark 1 : Selection of Surface color & Segment color

- GW : Grey surface & White segment
  - BW : Black surface & White segment
  - BR : Black surface & Red segment
  - RR : Red surface & Red segment
  - GGn : Grey surface & Green segment
  - BGn : Black surface & Green segment
  - GY : Grey surface & Yellow segment
  - BY : Black surface & Yellow segment
- \*\*\*\*\*Please indicate Surface Color & Segment Color when place order or request samples. \*\*\*\*\*
- For example : A-281G GW is 0.28inch Single digit display with Grey Surface & White Segment.  
Normally, GW ( Grey surface & White segment ) is standard product.

### ◆ ABSOLUTE MAXIMUM RATING: (Ta=25°C)

Reverse Voltage	: 5 Volt
Reverse Current( Vr = 5V )	: 10 $\mu$ A
Operating Temperature Range	: -40°C to +85°C
Storage Temperature Range	: -40°C to +100°C
Lead Soldering Temperature (1.6mm(1/16inch) from body)	: 260°C for 5 Seconds

### ◆ ELECTRO-OPTICAL CHARACTERISTICS: (Ta=25°C)

Para meter Description	Symbol	Unit
Spectral Line half-Width	$\Delta \lambda$	nm
Power Dissipation	Pd	mW
Peak Forward Current (Duty 1/10,@KHz)	If(Peak)	mA
Recommended Operation Current	If(Rec)	mA
Average Luminuous intensity (If = 10mA)	Iv	mcd