

P-tec Corp. Tel:(866) 695 4162  
 2405 Commerce Circle Tel:(719) 589 3122  
 Alamosa CO 81101 Fax:(719) 589 3592  
 www.p-tec.net



## PD001 Series Single Digit Mini 7 Segment 0.3" Display

### Features

- \*Single Digit .3" (7.62mm) Green Display with 10 Pins
- \*Space Saving Small Body Size
- \*Low Current Requirements
- \*High Light Output
- \*IC Compatible
- \*High Reliability
- \*Gray Face, White Segments
- \*RoHS Compliant

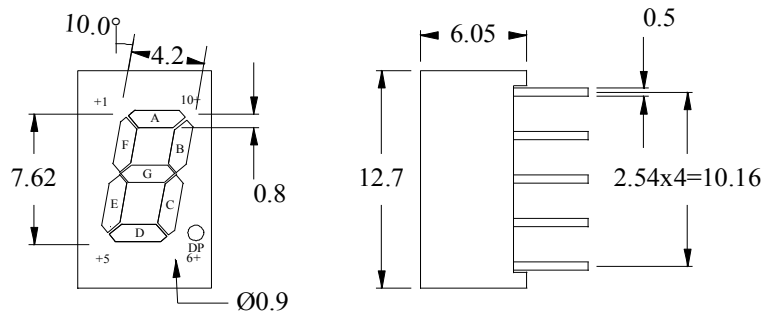
### Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	78mW
Reverse Voltage (<100 $\mu\text{A}$ ).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-25 $^\circ\text{C}$ to +85 $^\circ\text{C}$
Storage Temperature Range.....	-40 $^\circ\text{C}$ to +100 $^\circ\text{C}$
Soldering Temperature (1.6 mm below body).....	260 $^\circ\text{C}$ for 5 seconds

### Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number		Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Forward Voltage @20mA (V)		Luminous Intensity @10mA (mcd)	
Common Anode	Common Cathode			nm	nm	Typ	Max	Min	Typ
PD001-CADG13	PD001-CCDG13	Green	GaP	567	572	2.1	2.6	2.5	5.0

All dimensions are in **Millimeters**. Tolerance is  $\pm 0.25\text{mm}$  unless otherwise specified. The Slope Angle of any Pin may be  $\pm 5^\circ$  max.



Pin Function	
Common Anode Pin #	Common Cathode Pin #
1 Common Anode	1 Common Cathode
2 Cathode F	2 Anode F
3 Cathode G	3 Anode G
4 Cathode E	4 Anode E
5 Cathode D	5 Anode D
6 Common Anode	6 Common Cathode
7 Cathode DP	7 Anode DP
8 Cathode C	8 Anode C
9 Cathode B	9 Anode B
10 Cathode A	10 Anode A