



## PD42 Three Digit 7 Segment 0.56" Display

### Features

- \*3 Digit .56" (14.22mm) Green Display
- \*Multiplex Drive with 12 Pins
- \*Low Current Requirements
- \*High Uniform Light Output
- \*IC Compatible
- \*High Reliability
- \*Gray Face, White Segments
- \*RoHS Compliant

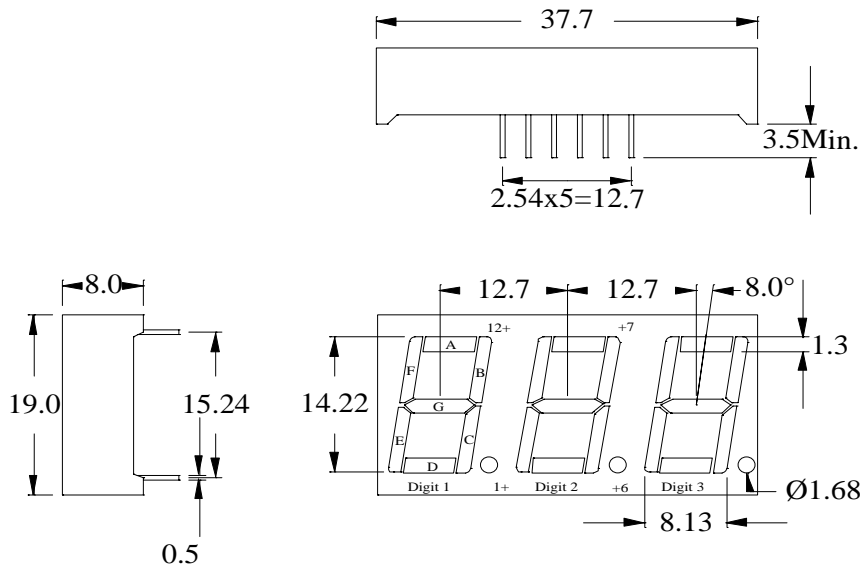
### Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	78mA
Reverse Voltage Per LED Chip (<math><100\mu\text{A}</math>).....	5.0V
Max Forward Current Per LED Chip.....	30mA
Peak Froward 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 (1.6mm from seating plane) .....	$260^\circ$ for 5 seconds

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

Part Number		Emitting Color	Chip Material	Dominant Wave Length	Peak Wave Length	Forward Voltage @20mA (V)		Luminous Intensity @10mA (mcd)	
Common Anode	Common Cathode			nm	nm	Typ	Max	Min	Typ
PD42-CAMG13	PD42-CCMG13	Green	GaP	572	567	2.1	2.6	3.0	6.0

Package dimensions All dimensions are in **Millimeters**. Tolerance is  $\pm 0.25\text{mm}$  unless otherwise specified. The Slope Angle of any Pin maybe  $\pm 5.0^\circ$  max.



### Function of Pin #

Common Anode	Common Cathode
1 Cathode E	1 Anode E
2 Cathode D	2 Anode D
3 Cathode DP	3 Anode DP
4 Cathode C	4 Anode C
5 Cathode G	5 Anode G
6 No Connection	6 No Connection
7 Cathode B	7 Anode B
8 Common Anode Digit 3	8 Common Cathode Digit 3
9 Common Anode Digit 2	9 Common Cathode Digit 2
10 Cathode F	10 Anode F
11 Cathode A	11 Anode A
12 Common Anode Digit 1	12 Common Cathode Digit 1