



PDT56 Single Digit 7 Segment 0.56" Display

Features

- *Single Digit .56" (14.2mm) Ultra Bright Pure Green Display with 10 Pins
- *Low Current Requirements
- *High Light Output
- *IC Compatible
- *High Reliability
- *Gray Face, White Segments
- *RoHS Compliant

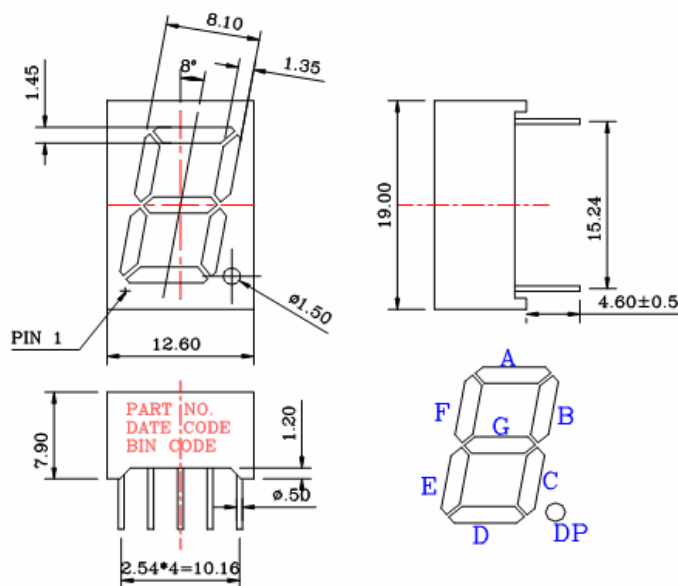
Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation per Segment.....	100mW
Reverse Voltage (<100 μA).....	5.0V
Max Forward Current.....	25mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width).....	100mA
Operating Temperature Range.....	-35°C to $+85^\circ\text{C}$
Storage Temperature Range.....	-35°C to $+85^\circ\text{C}$
Soldering Temperature (1.6mm below body).....	260°C for 5 seconds
Electrostatic Discharge	1000V

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
PDT56-CADG25	PDT56-CCDG25	Pure Green	InGaN	520	525	3.5	4.0	15.0	34.0

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



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