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PD07 Series Single Digit 7 Segment 0.39" Display

Features

- *Single Digit .39" (10.0mm) Orange Display with 10 Pins
- *Low Current Requirements
- *High Light Output
- *IC Compatible
- *High Reliability
- *Gray Face, White Segments
- *RoHS Compliant

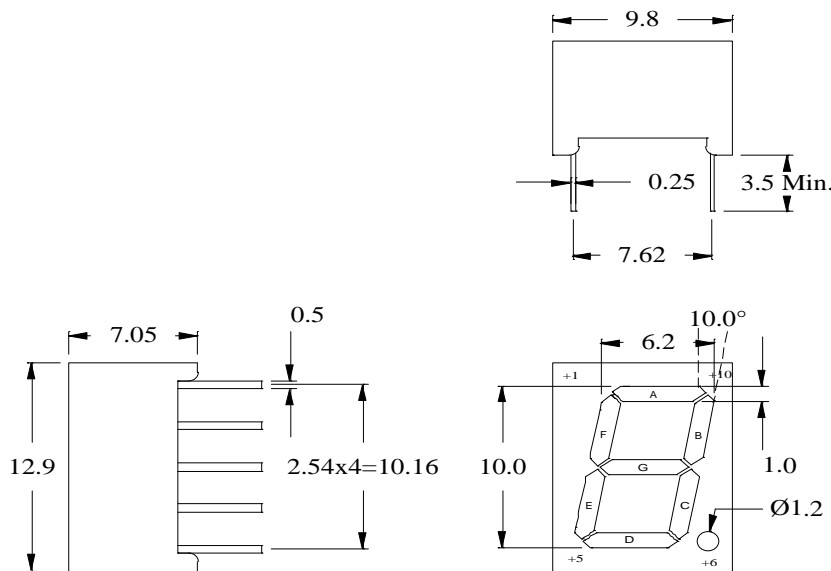
Absolute Maximum Ratings at T_A = 25°C

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

Electrical & Optical Characteristics at T_A = 25°C

| Part Number | | Emitting Color | Chip Material | Peak Wave Length | Dominant Wave Length | Forward Voltage @20mA (V) | | Luminous Intensity @10mA (mcd) | |
|--------------|----------------|----------------|---------------|------------------|----------------------|---------------------------|-----|--------------------------------|-----|
| | | | | | | Typ | Max | Min | Typ |
| Common Anode | Common Cathode | | | nm | nm | | | | |
| PD07-CADO12 | PD07-CCDO12 | Orange-Red | GaAsP | 635 | 626 | 2.1 | 2.6 | 2.5 | 5.0 |

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified. The Slope Angle of any Pin may be ± 5° max.



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