

**DESCRIPTION**

This is a 0.025" Height, 655 nm Red Monolithic LED display die designed for small, battery powered applications.

**FEATURES**

- 655 nm Red
- 100  $\mu$ cd typical segment Luminous Intensity
- Monolithic 7-Segment LED Display w/decimal
- 0.025" Digit Height
- Small size, 0.0265" x 0.051"
- Common Cathode

**ABSOLUTE MAXIMUM RATINGS**

- Storage temperature..... 0°C to +70°C
  - Case operating temperature .... 0°C to +70°C
  - Continuous forward current..... 30 mA
  - Peak Forward Current..... 150 mA \1
  - Reverse Voltage..... 3 Volts
- \1 1 $\mu$ sec pulse width, 300 Hz

**OUTLINE DIMENSIONS**

Tolerances are +/-0.001 inches, except as noted

Pinout

1. Top Side Anodes
2. Backside Cathode

PARAMETER	TEST CONDITION	SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	If = 5 mA	V <sub>f</sub>		2.3	3.0	Volts
Reverse Current	Vr = 3V	I <sub>r</sub>			100	$\mu$ A
Luminous Intensity \2	If = 5 mA, 0 degrees	I <sub>v</sub>	55	100		$\mu$ cd
Peak Wavelength	If = 5 mA	$\lambda_p$	635	655	670	nm

\2 Luminous Intensity value is for each segment

ELECTRO-OPTICAL CHARACTERISTICS (Case T = 25°C)

