

**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

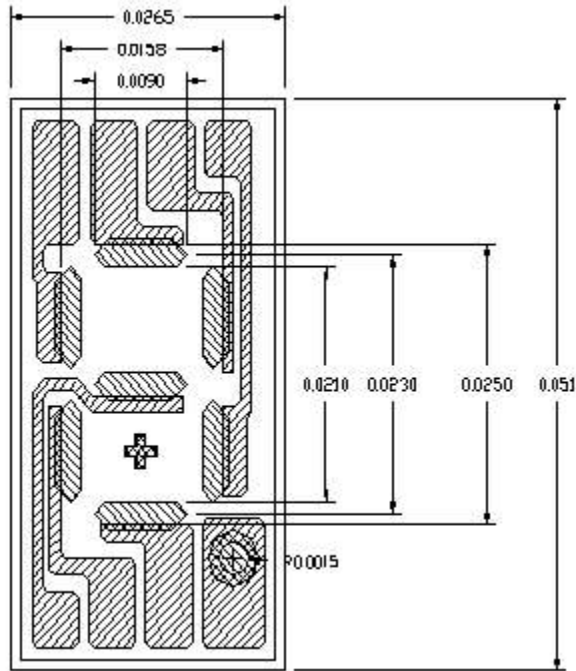
**ELECTRO-OPTICAL CHARACTERISTICS (Case T = 25°C)**

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Ohmstrasse 4  
 85716 Unterschleissheim  
[www.imm-photonics.de](http://www.imm-photonics.de)

Tel.: +49 89 3214120  
 Fax.: +49 89 32141211  
[sales@imm-photonics.de](mailto:sales@imm-photonics.de)



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