

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 μ 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 μ 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 _f		2.3	3.0	Volts
Reverse Current	Vr = 3V	I _r			100	μ A
Luminous Intensity \2	If = 5 mA, 0 degrees	I _v	55	100		μ cd
Peak Wavelength	If = 5 mA	λ_p	635	655	670	nm

\2 Luminous Intensity value is for each segment

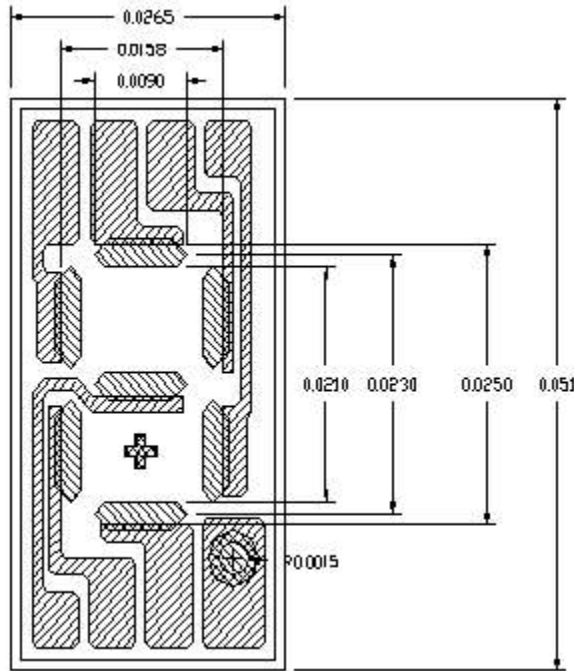
ELECTRO-OPTICAL CHARACTERISTICS (Case T = 25°C)

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