

DESCRIPTION

This is a high radiance 584 nm Yellow LED optimized for applications requiring high luminous intensity and sunlight visibility.

ABSOLUTE MAXIMUM RATINGS

- ☐ Storage temperature..... -65°C to +125°C
- ☐ Case operating temperature -65°C to +125°C
- ☐ Lead solder temperature.... 260°C, 10 seconds
- ☐ Continuous forward current..... 35 mA
- ☐ Peak Forward Current..... 1 A \1
- ☐ Reverse Voltage..... 5 Volts

\1 1µsec pulse width, 300 Hz

OUTLINE DIMENSIONS

Tolerances are +/-0.005 inches, except as noted

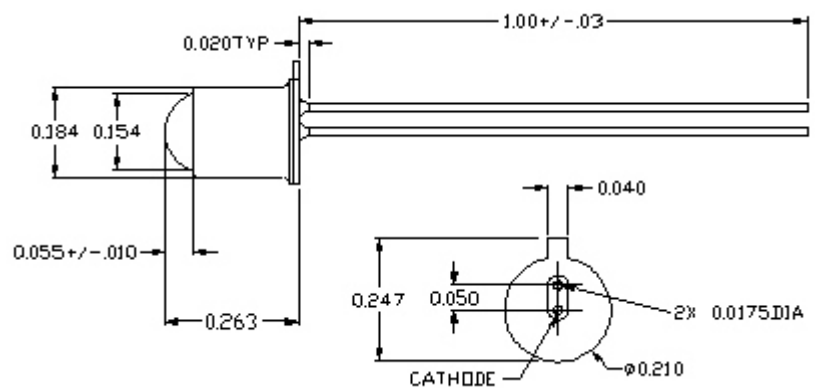
Pinout

1. Cathode 2. Anode

The case is electrically isolated from the pins.

FEATURES

- ☐ 584 nm Yellow
- ☐ High luminous intensity, 80 mcd typical
- ☐ High Reliability
- ☐ Hermetic Package
- ☐ 12 Degree Half angle of light emission
- ☐ Meets 1N6610 specification
- ☐ Available screened to MIL-PRF-19500/520



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

PARAMETER	TEST CONDITION	SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	If = 20 mA	V _f		2.3	3.0	Volts
Reverse Current	Vr = 3V	I _r			1.0	µA
Half Angle at Half Power		θ _{1/2}		12		DEG
Capacitance	Vr = 0 V, f = 1 MHz	C			100	pF
Luminous Intensity 1	If = 20 mA, 0 degrees	Iv1	20	80		mcd
Luminous Intensity 2	If = 20 mA, 30 degrees	Iv2	1.5			mcd
Peak Wavelength	If = 20 mA	λ _p	550	584	660	nm