

**62227-30X**

**GREEN HERMETIC LED INDICATOR**



02/16/2018

**Features:**

- Hermetically sealed
- Wide Viewing Angle
- Designed for Hi-Reliability applications
- Available in 3 Screening Levels

**Applications:**

- P.C. Board Fault Indicator
- Logic Status Indicator
- Binary Data Display
- Power supply on/off indicator

**DESCRIPTION**

The **62227** series indicator is hermetically sealed in a TO-46 package. A tinted diffused dome lens provides good on/off contrast and a wide viewing angle. The green indicator utilizes a GaP on GaP LED and a colored diffused plastic lens over a glass window. All versions are available in standard, JAN or JANTX screened levels. The 62227 is available in Commercial, Commercial with Group A, and Screened to TX Levels.

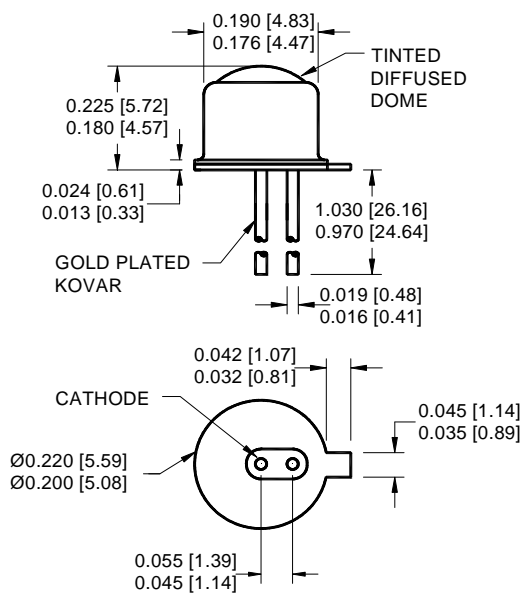
**ABSOLUTE MAXIMUM RATINGS**

Reverse Voltage .....	5 Vdc
Power Dissipation (Note 1) .....	120 mW
Forward Current-Continuous .....	35 mA
Storage Temperature.....	-65°C to +100°C
Operating Temperature .....	-65°C to +100°C
Lead Soldering Temperature (10 seconds, 1/16" from case).....	260°C

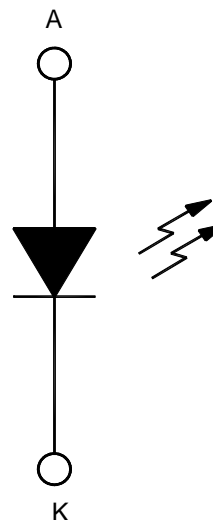
**NOTES :**

1. Derate at the rate of 2.4 mW/°C above 50°C.

**Dimensions**



**Schematic Diagram**



ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]

# 62227

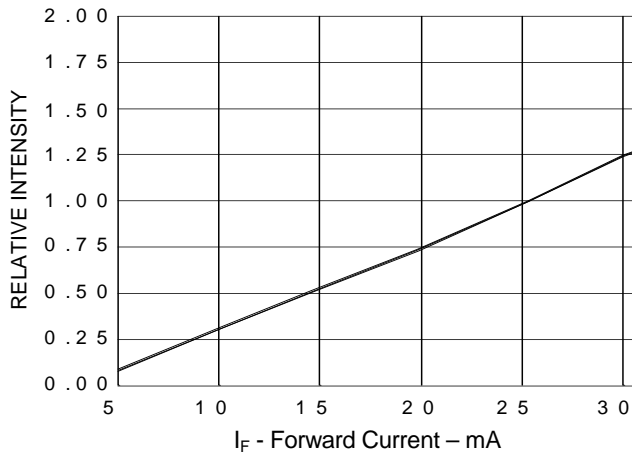
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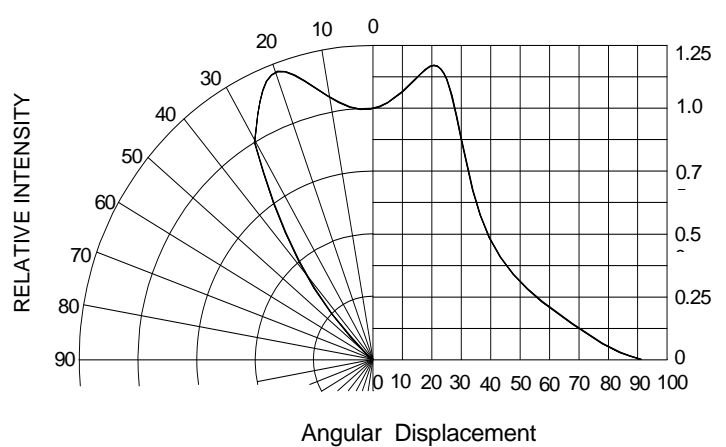
### ELECTRICAL/OPTICAL CHARACTERISTICS TA=25°C

PART NUMBER	COLOR	TEST CONDITION	PARAMETER LIMITS				
			PEAK $\lambda$	$I_{V1} \theta = 0^\circ$	$I_{V2} \theta = 30^\circ$	$V_F$	C
		$I_F$ mA	TYP.	MIN.	MIN.	MAX.	MAX.
62227	GREEN	20	570	3 mcd	1.5 mcd.	3 V	100 pF

Relative Luminous Intensity  
vs  
Forward Current  
(Normalized at 20 mA)



Relative Luminous Intensity  
vs.  
Angular Displacement



### RECOMMENDED OPERATING CONDITIONS:

PARAMETER	SYMBOL	MIN	MAX	UNITS
Forward	$I_F$	20	35	mA
Operating Temperature	$T_A$	-65	+100	°C

### SELECTION GUIDE

PART NUMBER	PART DESCRIPTION	MICROPAC INTERNAL PART NUMBER
1N6094	Commercial	62227-301
MII 1N6094	Commercial with Group A	62227-302
MIIX 1N6094	Screened to TX Level	62227-303