

62091

Pico-Lite, Visible LED's

Mii

**OPTOELECTRONIC PRODUCTS
DIVISION**

Features:

- MIL-PRF-19500
- Hermetically sealed
- Wide operating temperature range (-65°C to +100°C)

Applications:

- P.C. Board Fault Indicator
- Logic Status Indicator
- ON-OFF Indicator

DESCRIPTION

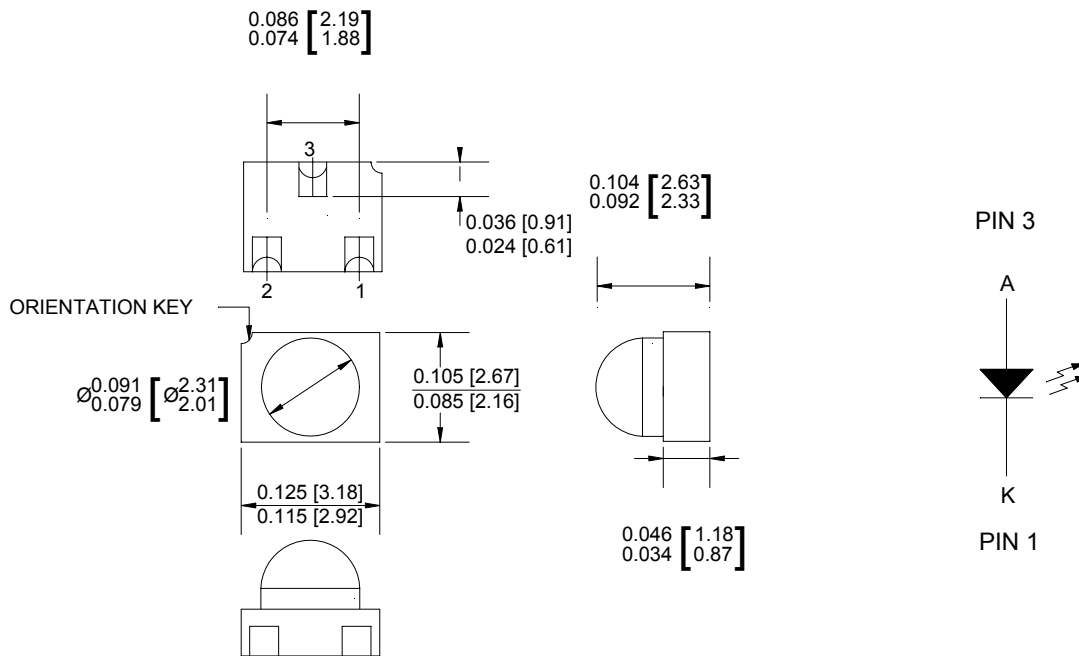
The **62091** series indicator lamps are useful in a variety of applications such as fault indicators for trouble shooting at the P.C. board level. The red and yellow fault indicators utilize a high efficiency GaAsP on GaP LED, while the green indicator utilizes a GaP on GaP LED. Each type uses a colored diffused plastic lens over a glass window. All are hermetically sealed and available screened to Mil-PRF-19500.

ABSOLUTE MAXIMUM RATINGS

Storage Temperature.....	-65°C to +100°C
Operating Temperature	-65°C to +100°C
Lead Solder Temperature (1/16" [1.6mm] from case for 10 seconds)	260°C
Reverse Voltage	5V
Power Dissipation (Derate at the rate of 1.31 mW/°C above 25°C)	105mW
Forward Current.....	35mA

Package Dimensions

Schematic Diagram



ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]

*ELECTRICAL/OPTICAL CHARACTERISTICS TA=25°C

PART NUMBER	TEST CONDITIONS	PARAMETER LIMITS					
		PEAK λ	$I_{V1\theta = 0}$	$I_{V2\theta = 15}$	V_F	Color	C
	MA	TYP.	MIN.	MIN.	MAX.		MAX.
62091-111 Commercial	20	635nm	1mcd	.5mcd.	3V	RED	100pf
62091-211 Commercial	20	585nm	1mcd	.5mcd.	3V	YELLOW	100pf
62091-311 Commercial	20	570nm	1mcd	.5mcd.	3V	GREEN	100pf
62091-122 JTX Screened	20	635nm	1mcd	.5mcd.	3V	RED	100pf
62091-222 JTX Screened	25	585nm	1mcd	.5mcd.	3V	YELLOW	100pf
62091-322 JTX Screened	25	570nm	1mcd	.5mcd.	3V	GREEN	100pf