

# PicoPoint® Series

**MEYERS**  
OPTOELECTRONIC SYSTEMS

## Miniature OEM IR Laser Module

The PicoPoint® – Simple IR Laser model #852-COM-PP1-ES is a compact and light weight IR pointing laser that is offered in different models that provide output power from Eye Safe to 50mW. This one piece commercial laser component is designed to be integrated into your system to enhance the capability of your system.

Model #852-COM-PP1-ES / 0.75mW

Model #852-COM-PP30 / 30mW

Model #852-COM-PP50 / 50mW

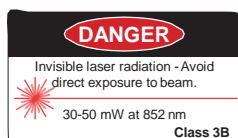


### Nominal Characteristics

Model Number	852-COM-PP1-ES, -PP30, &PP50
Output Power	0.75mW, 30mW, 50mW typical @ 20°C
Wavelength	852nm
Beam Divergence [V x H]	0.4 x 0.6 mrad typical @ 20°C
Power Requirements	+3.0 to +5.5V dc
Command Fire	Apply Power 100µS Rise Time
Housing	Brass 360
Dimensions [L x D]	7mmØ x 22mm long
Mounting Characteristics	6.7mm Ø cylinder
Weight	0.07 oz [2g]
Operational Temperature	-10 to 55 °C
Maximum Altitude	40,000 ft 12,000 m
Export	Not USML Controlled

Data subject to change.

Proudly made in the USA 



## Applications

- Short to medium-range pointing at night.
- Law Enforcement / Border Security / Defense / Industrial

## Features

- Compact size, lightweight and low power consumption.
- Constant optical power; independent of ambient temperature or supply voltage variations.
- Wide operating temperature range (-10 to +55 °C).
- Designed for shock and vibration environments.
- Environmentally sealed housing IP67.

## Benefits

- Enhances products with IR pointing and illumination capabilities.
- Easily integrated into space-constrained designs.
- Increases effectiveness with rapid point of interest identification.
- Commercially available OEM laser module