

SafeSpot™

OEM NIR Laser Pointer Module

MEYERS
OPTOELECTRONIC SYSTEMS

Model #852-COM-SS15

SafeSpot™ is a Class 1M that is eye safe from the aperture laser module and designed for incorporation into existing products or new systems under development where Class 1 operation is essential.

SafeSpot™ provides a tightly collimated beam that maintains its optical power density over long distances while achieving Class 1M levels from the aperture.



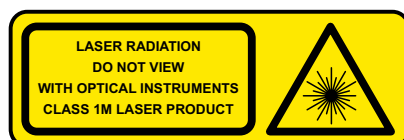
Nominal Characteristics	
Model Number	852-COM-SS15
Output Power	15 mW \pm 20%
Wavelength	NIR *
Beam Divergence	Point *
Control Interface	24-gauge wires, 12 in (4 each) [pwr, com, case, fire]
Fire Command [CW]	Logic level control
Fire Command [Pulse]	Pulse to 2kHz capable
Power Requirements	+4.0 to +5.5V dc at <100 mA
Housing	6061-T6 aluminum
Dimensions	< 7" *
Weight	< 350g *
Laser Class / NOHD	Class 1M / 0 m
Export	Not USML Controlled

Data subject to change.

SafeSpot™ meets FDA Class 1 AEL levels per ANSI Z136.1 when viewed without magnifying optics

* Additional information available upon request.

Proudly made in the USA 



Applications

- Marking points of interest in infrared.
- Long-range pointing at night.
- Law Enforcement / Border Security / Defense / Industrial

Features

- Tightly collimated beam for long range operation.*
- Low power consumption.*
- Output power 15 mW. Lower power achieved via pulse width modulation of fire input.
- Wide operating temperature range.*
- Designed and tested for high shock and vibration applications.
- Environmentally sealed housing IP67.

Benefits

- Class 1M eye safe from aperture to infinity.
- Enhances NIR pointing capabilities.
- Increases effectiveness with rapid point of interest identification.
- 6 km effective use with standard NODs.
- Commercially available OEM laser module.