

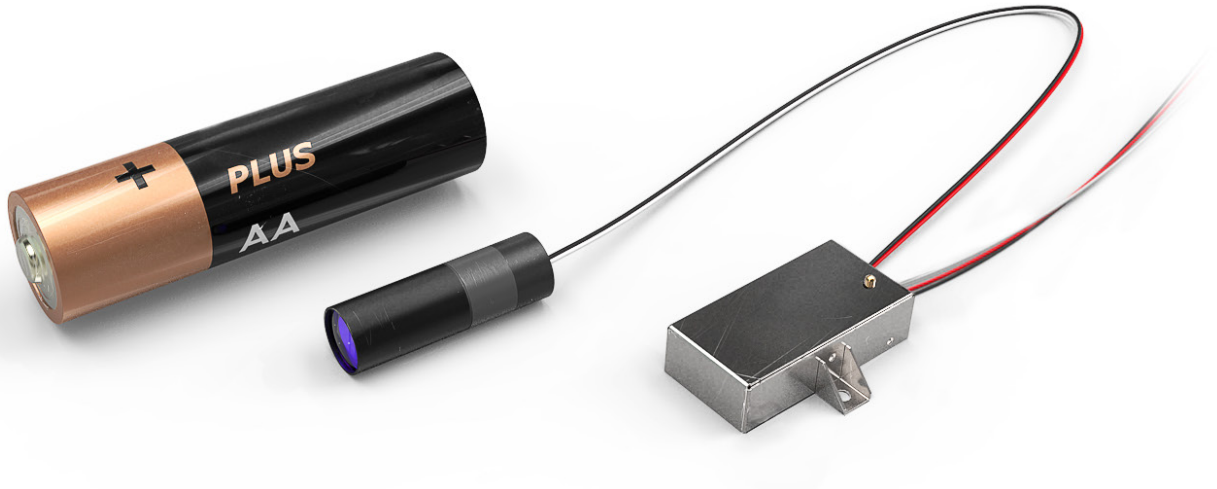
NanoPoint® Spark

Ultra-Miniature OEM IR Laser Module

MEYERS
OPTOELECTRONIC SYSTEMS

Model #835-COM-NP31

The NanoPoint® Spark pointer is designed for incorporation into existing products or new systems under development. It can mark or point out objects from a variety of platforms, enhancing the overall capabilities of the host system.



	Nominal Characteristics
Model Number	835-COM-NP31
Output Power	30 mW \pm 10%
Wavelength	NIR *
Beam Divergence	Pointer *
Control Interface	26-gauge wires, 12 in (3 each) [pwr, gnd, fire]
Fire Command Fire	FIRE line low activates
Power Requirements	+3.3 to +5.5V dc (Anodize on laser head electrically insulates)
Housing	6061-T6 aluminum, black anodized laser head. Tin plated driver.
Size	Very small, <1 inch.*
Weight	<8g
Export	Not USML Controlled

Data subject to change.

* 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

- Compact size, lightweight and low power consumption.*
- Output power 30 mW.
- Constant optical power; independent of ambient temperature or supply voltage variations.
- CW or pulsed (via modulation).
- Wide operating temperature range.*
- Designed and tested for high shock and vibration environments.

Benefits

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