

# Tall TO-Can

High-power, continuous-wave  
Wavelength Emission Range 785-1064nm

## More power TO you.

Sheumann's Tall TO-Can has improved upon a favorite in the industry, bringing you a high-power, continuous-wave, single-mode option up to 600mW (multimode up to 3W). Thoughtfully engineered to be as compact as possible, it is designed to fit into any system. The cap features a taller ridge that allows the chip to be mounted vertically, with a wide emitter enabling even more power than before. This package is hermetically sealed with optional photodiode. Aluminum nitride (AlN) carrier and gold tin (AuSn) bonding provide an optimal thermal interface.



Image 1. Tall TO-Can

## Specifications

Category	Specifications
Dimensions	Diameter: 9mm; Cap Height: 6mm; Pin Length: 14mm
Single-Mode Power	Up to 600mW
Multimode Power	Up to 3W
Microlens Options	$\leq 1.5^\circ$ or Square
Photodiode	Optional

## Product Highlights

- A new high-powered option for single-mode.
- Vertically mounted chip with wide emitter.
- Hermetically sealed with optional photodiode.
- Designed for a 3mm or 4mm chip.
- Electrically isolated, protecting the diode and operator.
- Microlens options available.

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