

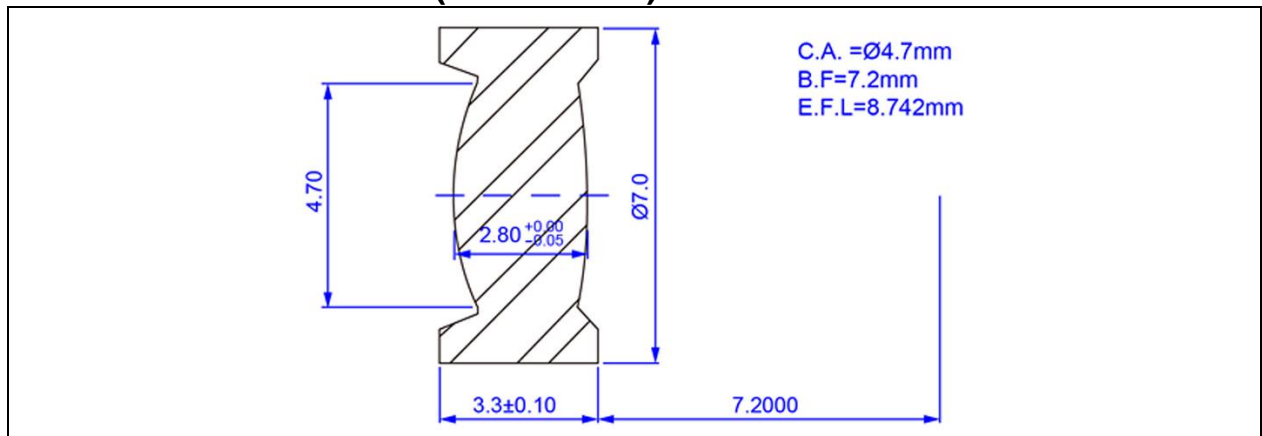
## Quarton CAY087 Laser Diode Collimator Lens - Ø7 Aspherical Plastic Lens (NA:0.268, EFL:8.742 mm)



### FEATURES:

- CAY087 Aspherical Optical-Grade Plastic Lens for industrial-grade laser devices that do not need to operate in extreme temperature environments.
- The CAY087 Aspherical Plastic Lens is designed specifically for use as a collimator in combination with a diode laser.
- The product is manufactured in a clean room in Taiwan to ensure the highest quality.

### OUTLINE DIMENSIONS (UNITS: mm)



### SPECIFICATIONS

Model Number:	CAY087
Lens Material:	PMMA
Lens Diameter:	Ø7 mm
Edge Thickness:	3.3±0.10 mm
Design Wavelength:	670nm
Clear Aperture (CA):	Ø4.7 mm
Numerical Aperture (NA):	0.268
Effective Focal Length (EFL):	8.742 mm
Back Focal Length (BFL):	7.2 mm
Axis Wave Front Error (RMS):	0.05 λ
Field Radius:	0.1 mm
Transmittance (%):	>91%
Storage Temperature:	-25 to 70°C
Operating Temperature:	5 to 50°C