

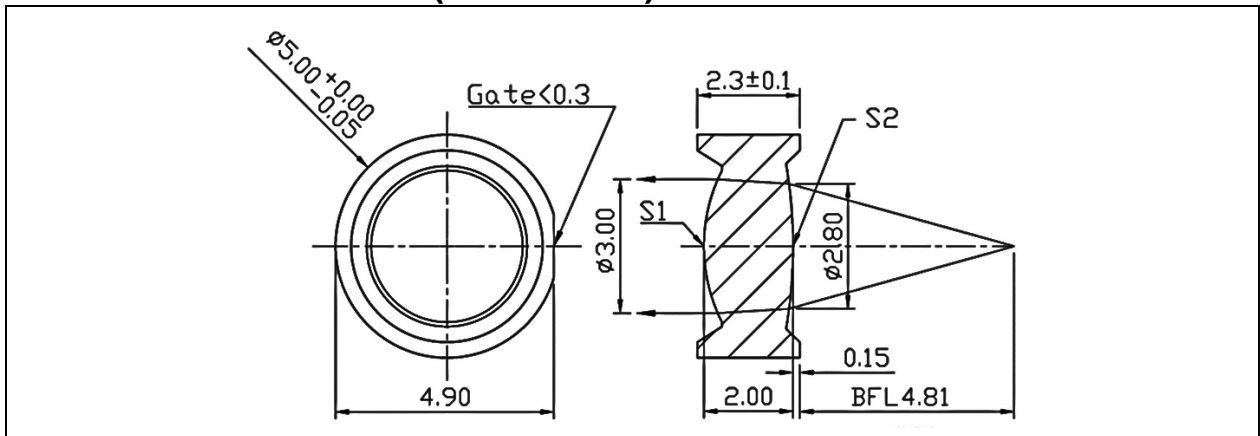
Quarton CAY049 Laser Diode Collimator Lens - Ø5 Aspherical Plastic Lens (NA:0.27, EFL:4.96 mm)



FEATURES:

- CAY049 Ø5 Aspherical Plastic Lens is aspherical plastic laser collimating lens for consumer grade laser device.
- The CAY049 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:	CAY049
Lens Material:	PMMA
Lens Diameter:	Ø5 mm
Edge Thickness:	2.3 mm
Design Wavelength:	650 nm
Clear Aperture (CA):	Ø3 mm
Numerical Aperture (NA):	0.27
Effective Focal Length (EFL):	4.96 mm
Back Focal Length (BFL):	4.81 mm
Transmittance (%):	90%
Storage Temperature:	-25 to 70°C
Operating Temperature:	-5 to 65°C