

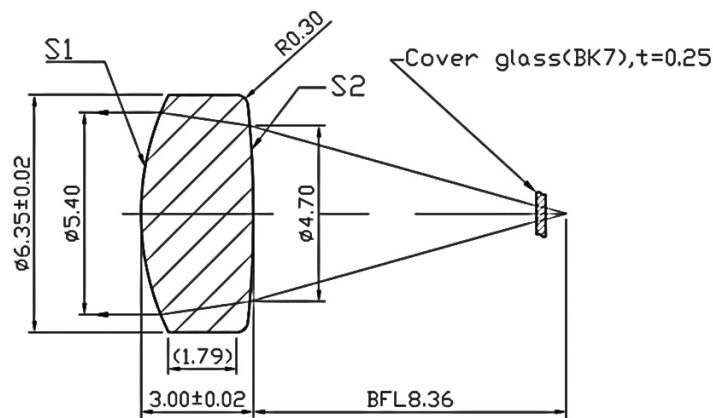
Quarton AC985-Laser Diode Collimator Lens, Ø6.35 Aspherical Molding Glass Lens (NA:0.27, EFL:9.85mm)



FEATURES:

- AC985 Ø6.35 Aspherical Molded Glass Lens is glass-molded and can operate over a wide temperature range.
- The AC985 Aspherical Molded Glass Lens is specifically designed for use as a collimator in combination with a diode laser.

OUTLINE DIMENSIONS (UNITS: mm)



SPECIFICATIONS

Model Number:	AC985
Lens Material:	L-BAL42
Lens Diameter:	Ø6.35 mm
Center Diameter:	3.0 mm
Edge Thickness:	1.79 mm
Design Wavelength:	650 nm
Clear Aperture (CA):	Ø5.4 mm
Numerical Aperture (NA):	0.27
Effective Focal Length (EFL):	9.85mm
Back Focal Length (BFL):	8.36 mm(with BK7 t=0.25mm cover glass)
Axis Wave Front Error (RMS):	0.055 λ
Transmittance (%):	$\geq 97\%$
Storage Temperature:	-40 to 85°C
Operating Temperature:	-30 to 85°C