

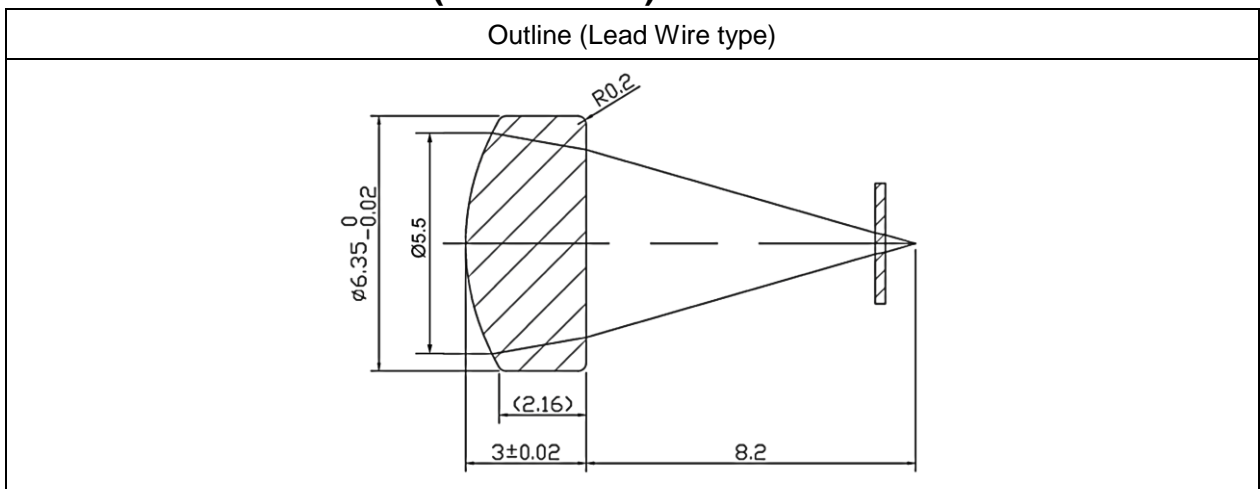
## Quarton AC100-Laser Diode Collimator Lens, Ø6.35 Aspherical Molding Glass Lens (NA:0.275, EFL:10mm)



### FEATURES:

- AC100 Ø6.35 Aspherical Molded Glass Lens is glass-molded and can operate over a wide temperature range.
- The AC100 Aspherical Molded Glass Lens is specifically designed for use as a collimator in combination with a diode laser.
- AR coating: 500 ~ 850nm

### OUTLINE DIMENSIONS (UNITS: mm)



### SPECIFICATIONS

Model Number:	AC100
Lens Material:	NHG,D-ZK2N
Lens Diameter:	Ø6.35 mm
Center Diameter:	3.0 ±0.02mm
Edge Thickness:	2.16 mm
Design Wavelength:	520 nm
Clear Aperture (CA):	Ø5.5 mm
Numerical Aperture (NA):	0.275
Effective Focal Length (EFL):	10.0mm
Back Focal Length (BFL):	8.2 mm(with BK7 t=0.25mm cover glass)
Axis Wave Front Error (RMS):	0.05 λ, @632.8mm
Transmittance (%):	500-850nm, T≥97%
Storage Temperature:	-40 to 85°C
Operating Temperature:	-30 to 85°C