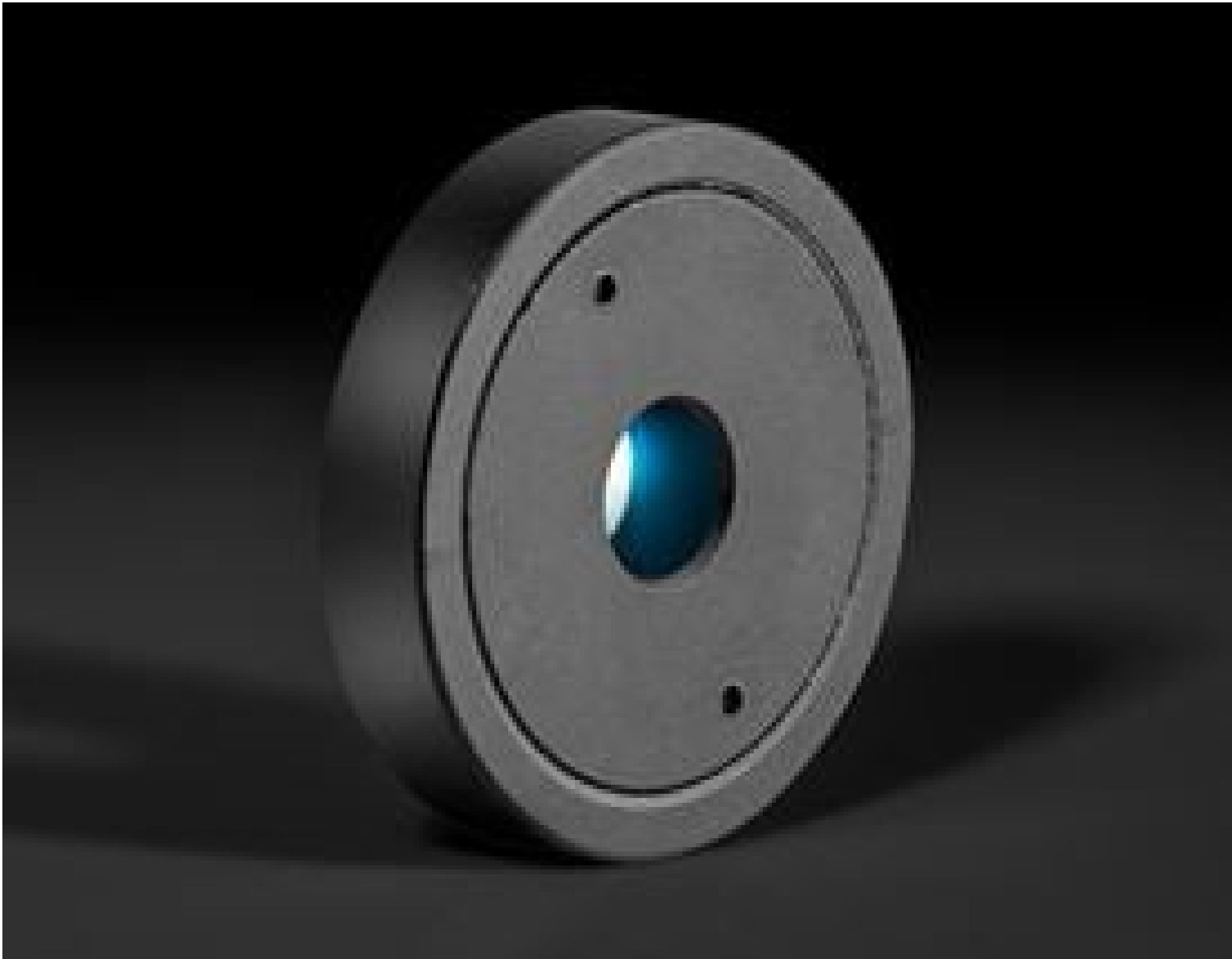


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6 x 6 x 1mm, 800nm SHG, Type I BBO Nonlinear Crystal



Mounted Type I BBO Nonlinear Crystal

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Crystal Type:

BBO

Design Wavelength DWL (nm):

800

Clear Aperture CA (mm):

5.70

Dimensions (mm):

6.0 x 6.0 +0.0/-0.1
Thickness (mm): 1.00 +0.0/-0.1
Protective Chamfer: <0.1mm x 45°
Orientation Θ/Φ (°): 29.2/90
Coating: AR Coating
Coating Specification: S1 & S2: R _{avg} <3% @ 400 - 800nm
Parallelism (arcsec): <20
Perpendicularity (arcmin): <5
Surface Quality: 20-10
Surface Flatness (P-V): λ/8
Mount: Mounted
Mount Diameter (mm): 25.4
Mount Thickness (mm): 6 (unthreaded)
Typical Applications: SHG @ 800nm, Type I
Type: Nonlinear Crystal
Damage Threshold, By Design: ☐ 10 J/cm ² @ 1064nm, 10ns, 10Hz
Note: Mount is 25.4mm Dia., 6mm Thick Unthreaded Black Anodized Metal Mount (see drawing for more information)

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant