

25.0mm efl, MgF₂ coated, PCX

URL: <http://www.edmundoptics.com.sg/optics/optical-lenses/plano-convex-pcx-spherical-singlet-lenses/mgf2-coated-plano-convex-pcx-lenses/45098/>

1 Brief description

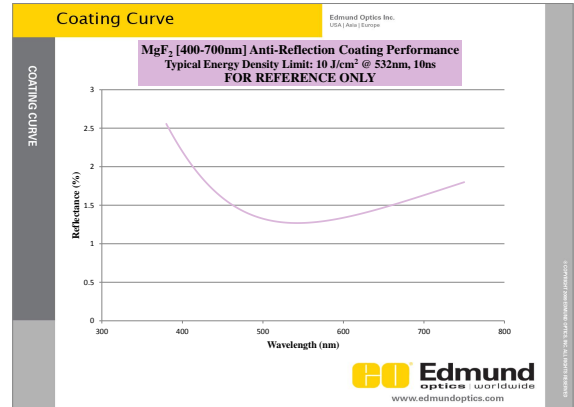
PCX lens that are spherical. 25mm diameter, fits in Thorlabs SM1 tubes. 25mm EFL at 587.6 nm

2 Picture

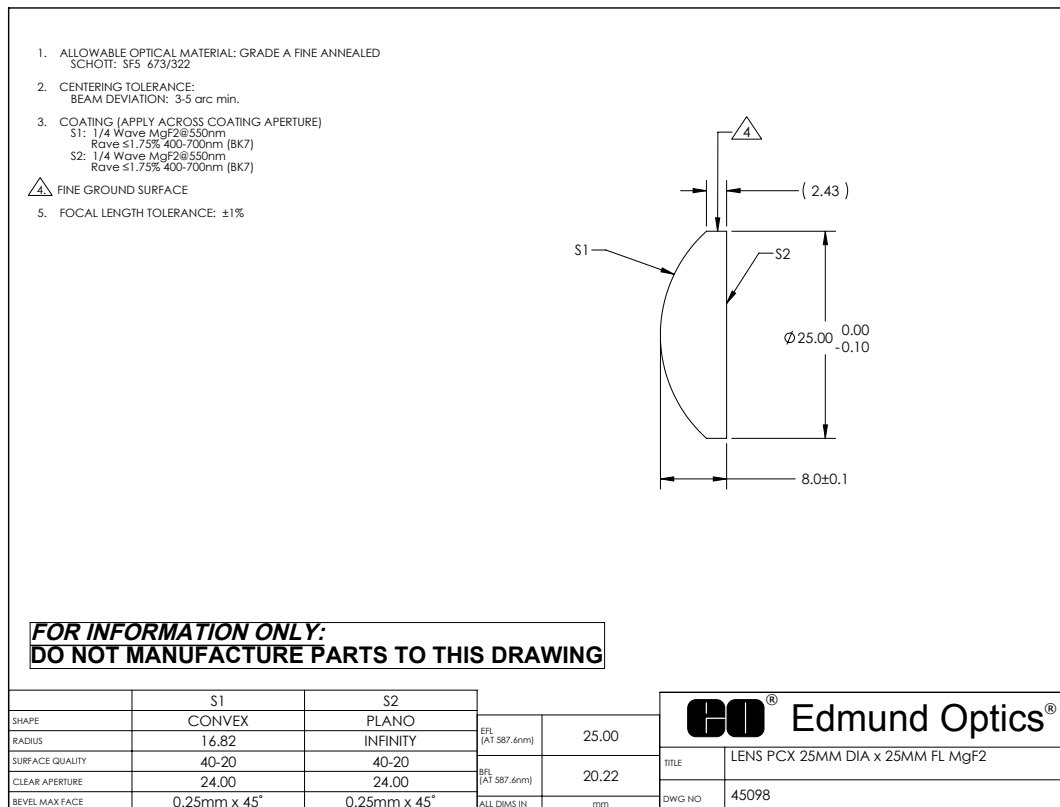
3 Technical Specifications

Effective focal length	25.0mm
Back focal length	20.22mm
Wavelength region	VIS
Design wavelength	587.6nm
Substrate	N-SF5
Coating	MgF ₂
Coating Specification	$R_{avg} \leq 1.75\%$ nm
Numerical Aperture	0.50

4 Data plots



Reflectance plot of MgF₂ AR coating



drawing

CAD