



Configuration:	Cylindrical Plano Convex Lens
Material:	Fused Silica (Corning 7980 0F)
Dimensions:	10 mm x 10 mm +/-0.2 mm
Edge thickness:	(2) mm
Clear aperture:	9 mm x 9 mm
Radius of curvature (ROC), S1:	custom
ROC tolerance:	+/- 0.5 %
Centration error:	< 3 arcmin
Surface quality, S1/S2:	40-20 S-D (MIL-PRF-13830B)
Surface irregularity, S1:	< $\lambda/8$ @ 633 nm per 6 mm diameter
Surface flatness, S2:	< $\lambda/8$ @ 633 nm per 6 mm diameter
Chamfers:	0.1-0.3 mm x 45 deg
Chips:	< 0.3 mm
Coatings, S1/S2:	AR(R<0.2%) @ DWL, AOI=0 deg
LIDT:	> 20 J/cm <sup>2</sup> 1064 nm, 10 ns, 100 Hz (10 <sup>3</sup> -on-1, ISO 21254-2)
Mount:	unmounted

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