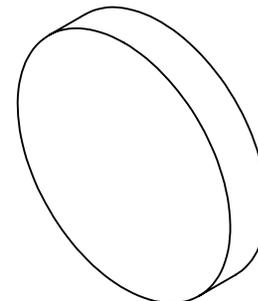


NOTES:

1. SUBSTRATE MATERIAL: BOROFLOAT®/SUPREMAX®;

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



2. PARABOLIC SURFACE:

$$Z=Y^2/[4 * EFL]$$

3. COATING (APPLY ACROSS CLEAR APERTURE)

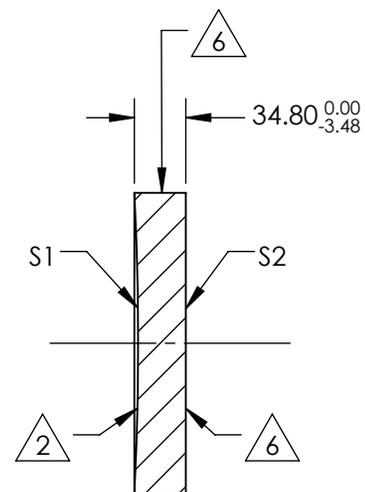
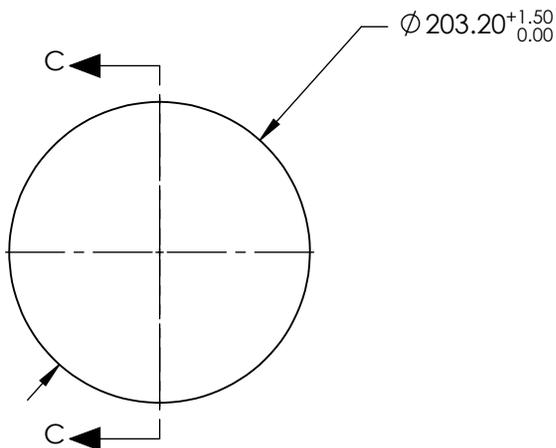
S1: PROTECTED ALUMINUM
R(avg) >85% @ 400 - 700nm
R(avg) >90% @ 400 - 2000nm
S2: NONE

4. EDGES: MOLDED EDGE ACCEPTABLE

5. POWER, IRREGULARITY, SURFACE QUALITY AND COATING SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. FINE GRIND SURFACE

7. RoHS COMPLIANT



SECTION C-C

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONCAVE	PLANO
EFFECTIVE FOCAL LENGTH	1016	N/A
FOCAL LENGTH TOLERANCE	±1.5%	N/A
SURFACE QUALITY	60-40	FINE GRIND
SURFACE FLATNESS	λ/8	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EO® Edmund Optics®



ALL DIMS IN mm

TITLE	8" Diameter x 40" FL Protected Aluminum, Parabolic Mirror
DWG NO	32073522
SHEET	1 OF 1