NOTES: UNLESS OTHERWISE SPECIFIED

1. ELECTROFORM REFLECTOR FROM MASTER TO OL WITH SPECULAR SURFACE QUALITY OF 80-50 SCRATCH-DIG PER MIL-O-13830A.
2. NOMINAL THICKNESS (T) MAY VARY ± T/4 WITHIN ±.25 OF EDGES.
3. REFLECTIVE SURFACE COATING TO BE SEPARATELY SPECIFIED.

ELLIPTICAL GEOMETRY DATA

\[
\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1
\]

\[
a = 2.92933
\]

\[
b = 1.86811
\]

\[
x^2 + y^2 = 1
\]

\[
F_1-F_2 = 114.62
\]

\[
F_1 = 4.5127
\]

\[
F_2 = 0.3073
\]

NOTE: THE "E115NV" DASH NO. IS THE THEORETICALLY LARGEST REFLECTOR THAT CAN BE FORMED ON EXISTING MASTER TO OL."