1. Debur sharp edges .015 max.
2. Chamfer all threads .01 past root diameter.
3. Reflector to be replicated from specified master tool exhibiting required geometry and specular surface finish of 80-50 scratch-dig per MIL-0-13830A.
4. Nominal thickness (T) may vary ±T/4 within .25 of edges and blend radius at flange transition with contour.
5. Vertex hole opening is preferred registration feature for axial alignment of reflector. Plane of clear aperture not recommended for this purpose.

**Ellipsoid Geometry Data**

\[
x^2/a^2 + y^2/b^2 = 1
\]

- \(a = 23.09000\)
- \(b = 11.29090\)

- Major Dia: 46.1800
- Minor Dia: 22.5858

**EF Surface Area:** 2.0662 SQ. FT.