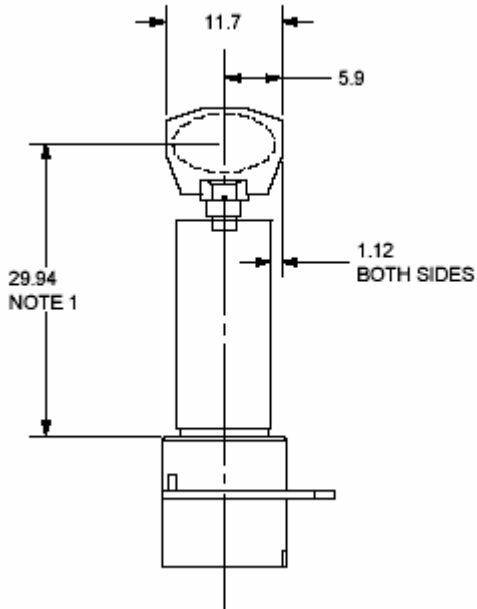


## 6mm Mounted Mirror Drawings

### 6mm X Mounted Mirror Drawing

$$J (\text{mirror} + \text{Mount}) = .024 \text{ g} \cdot \text{cm}^2$$

$$J (\text{total}) = 0.043 \text{ g} \cdot \text{cm}^2$$



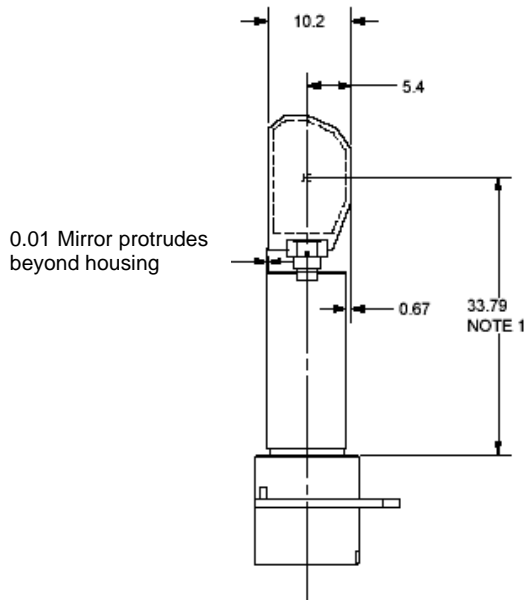
#### Notes:

1. Dimension from the housing flange to the center of the clear aperture.
2. Clear aperture: major axis = 10.5mm, minor axis = 6.0mm
3. Beam aperture = 6mm
4. Peak to peak intended optical scan angle =  $40^\circ$
5. AOI =  $45^\circ \pm 10^\circ$  mechanical

### 6MM Mounted Y Mirror Drawing

$$J (\text{mirror} + \text{mount}) = .030 \text{ g} \cdot \text{cm}^2$$

$$J (\text{total}) = 0.049 \text{ g} \cdot \text{cm}^2$$



#### Notes:

1. Dimension from the housing flange to the center of the clear aperture.
2. Clear aperture: major axis = 13.7mm, minor axis = 8.9mm
3. Beam aperture = 6mm
4. Peak to peak intended optical scan angle =  $40^\circ$
5. AOI =  $45^\circ \pm 10^\circ$  mechanical