

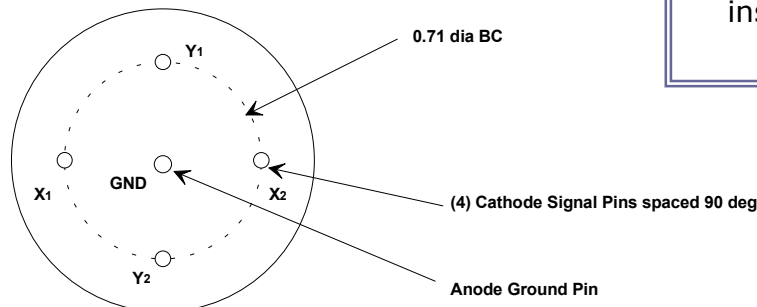
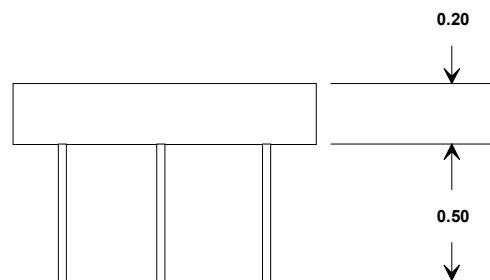
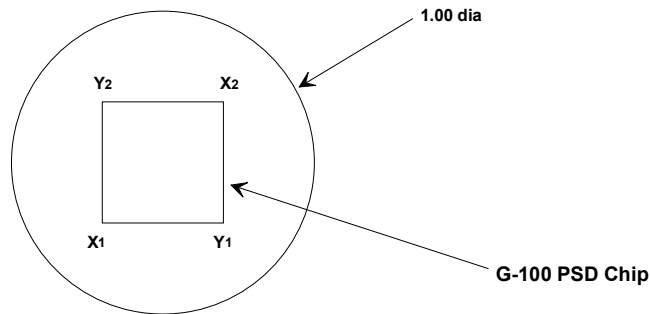
## G-SERIES POSITION DETECTOR

**Part number:**

**G-100-PSD**

### Application Note

**Electro Optical Systems Inc.**, offers a range of position detector sizes, in addition to 4 channel amplifiers. These units find applications in micro-positioning instrumentation and systems.



### SPECIFICATIONS : G - 100 - PSD

Active Diameter (mm)	10
Operating Wavelength ( $\mu\text{m}$ )	0.8 - 1.7
Shunt Resistance ( $\Omega$ )	1K min ; 2K typ
Shunt Capacitance (pF)	30,000 nom @ 0V
Responsivity (A/W)	0.85 @ 1.5 $\mu\text{m}$
Inter-electrode Resistance	100 ohms nom.