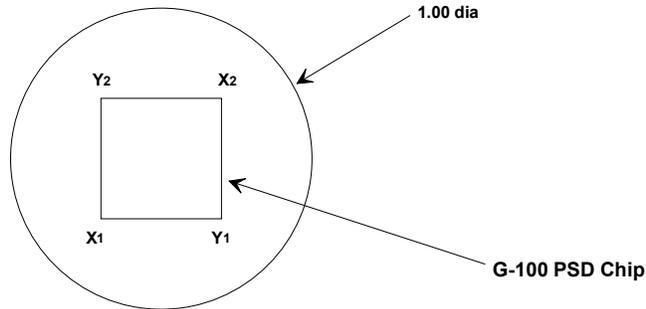


G-SERIES POSITION DETECTOR

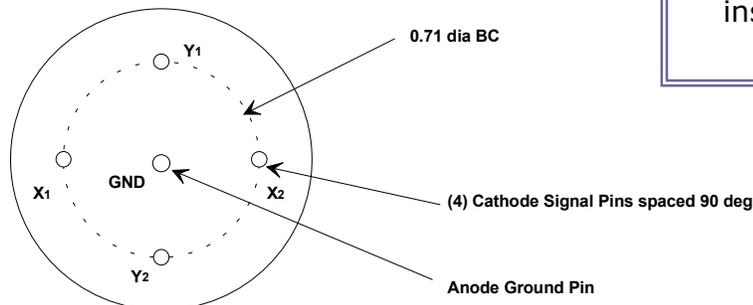
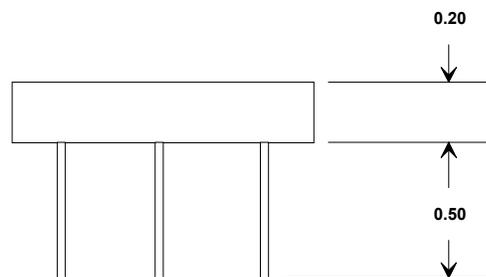
Part number:

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 (μm)	0.8 – 1.7
Shunt Resistance (Ω)	1K min ; 2K typ
Shunt Capacitance (pF)	30,000 nom @ 0V
Responsivity (A/W)	0.85 @ 1.5 μm
Inter-electrode Resistance	100 ohms nom.