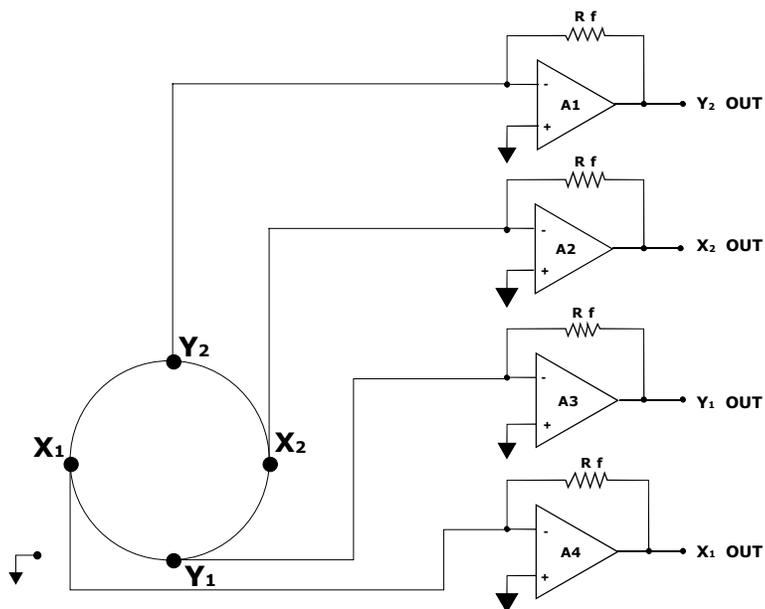


PSD RECEIVER MODULE



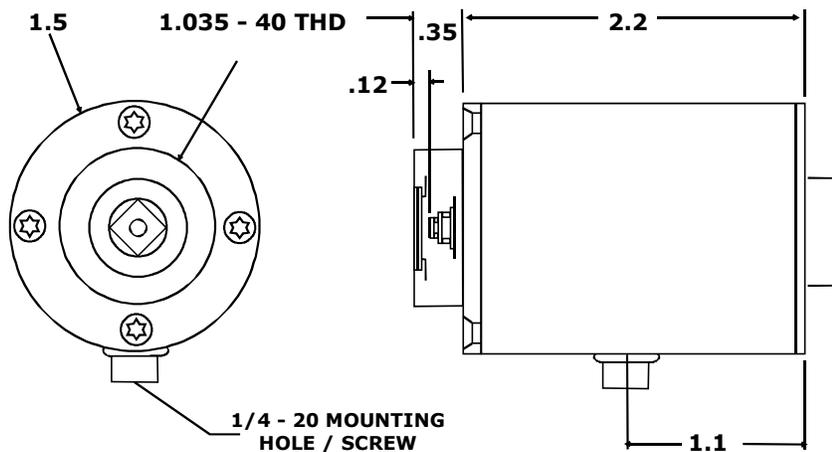
Part no: G - 050 - PSD - E4

This unit integrates the EOS PSD's with a 4-channel transimpedance amplifier in the H-series receiver module. Gain/bandwidth settings can be specified by the user. Standard settings are shown below.

9-PIN D-sub Connector

PIN

1 - Y ₂ OUT	5 - GND
2 - X ₂ OUT	6 - +V
3 - Y ₁ OUT	7 - -V
4 - X ₁ OUT	8 - GND
	9 - CASE



SPECIFICATIONS

Detector Type	Germanium Tetralateral Photodiode
Active Diameter	5 mm overall
Wavelength Range	800 - 1800 nm
Amplifier Gain (Rf)	10 k ohms
Module Bandwidth	DC - 10 kHz
Position Resolution	< 1 micron, for 0.1 mW incident power
Power Requirements	+, - 15 DVC; 40 mA