



ANALOG MODULES, INC.

ULTRA HIGH BANDWIDTH DC VOLTAGE AMPLIFIER

- Bandwidth – from DC to 350 MHz
- High Gain – 30 dB
- Low Noise – down to 2 nV/√Hz



DESCRIPTION:

The **Model 353A** is a low noise voltage amplifier designed for instrument and transducer applications where high bandwidth and low noise are required.

SPECIFICATIONS:

Input

Impedance	50 Ω
Capacitance	< 10 pF
Drift	15 μ V/°C typical

Output

Load	50 Ω
Swing	3 V pk-pk into 50 Ω
Offset	Trimpot Adjustable

Polarity Non-Inverting

Power ± 12 VDC at 100 mA typical
(no load)

Temperature -20° to +70°C

Connections

Input/Output	BNC
Power	Filter feed-thru pins and ground lug

Size 3.50" x 1.93" x 0.92"

Specifications subject to change without notice.

APPLICATIONS:

Transducer Amplifiers, Instrumentation Amplifiers

		MODEL NUMBER
		GAIN
		30 dB
BANDWIDTH $\pm 20\%$	DC to 350 MHz	353A-1
NOISE $\pm 20\%$	Voltage Noise (Shorted input)	2 nV/ $\sqrt{\text{Hz}}$

Typical Part Number:
353A-1 =

Bandwidth:

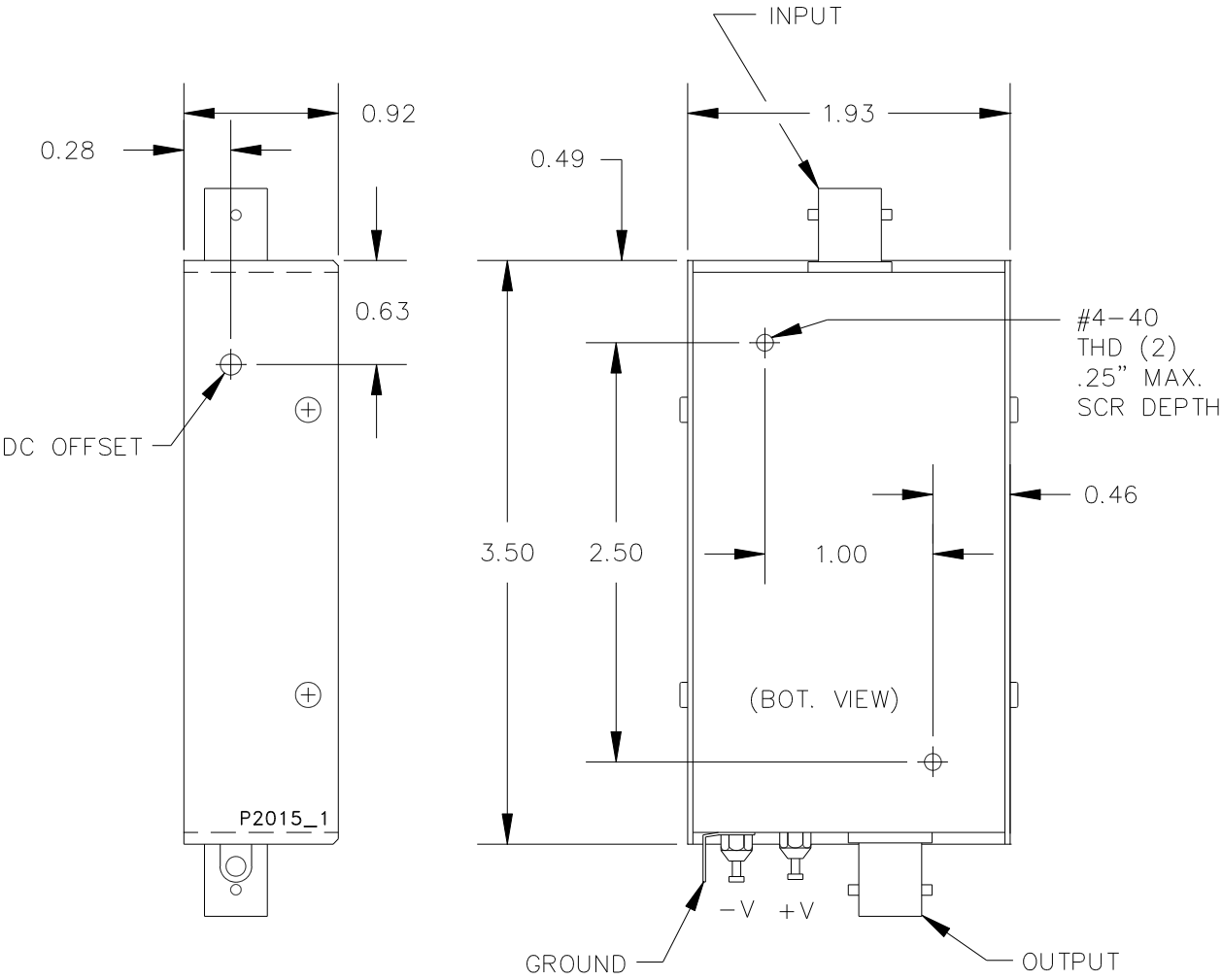
Gain:

Noise:

DC to 350 MHz

30 dB

2 nV/ $\sqrt{\text{Hz}}$



DIMENSIONS ARE IN INCHES