



SINOCERA



Global Sensor
Technology

Charge Amplifier (Low Noise, General)

Model: YE5852

FEATURES

- Small size, high integration.
- Three decimal-system uniformization output.
- Switchable for Gain, HPF, LPF.
- Low noise, high accuracy.
- Input mode of Charge, Voltage, IEPE.
- Overload Indication.



Technical Specifications:

Input	Voltage: $\pm 10\text{VP}$ (Max), Charge: $\pm 106\text{ pC}$ (Max)
Output	$\pm 10\text{VP}/\pm 10\text{mA}$ (Max)
Overload Impedance	$\geq 100\Omega$
Noise	$\leq 5\mu\text{V}$ (The max gain is converted into the input end)
Gain	0.01, 0.1, 1, 10, 100, 1000 mV/ pC (power capacitance: 1nF)
Accuracy	$\pm 1\%$
Low Pass Filter	0.3k, 1k, 3k, 10k, 30k, 100kHz (-3dB $\pm 1\text{dB}$, -12dB/OCT)
High Pass Filter	0.3, 1, 3, 10, 30, 100Hz (-3dB $\pm 1\text{dB}$, -6dB/OCT)
Temperature	Operating: 0°C to 40°C; Storage: -55°C to 85°C
Humidity	95%R.H. (max)
Power Supply	AC: 220V50Hz/110V60Hz
Dimensions	70mmW \times 132.5mmH \times 200mmD
Weight	1.5kg
Input/Output Type	Input: L5; Output: BNC
Input Cable	Double-ended L5 STYV-1 low noise cable (2m)
Output Cable	Double-ended BNC 50 Ω output cable (2m)
Power Cable	1