



REF50X

5V precision reference

Based on the REF5050 IC, the **REF50X** low cost voltage reference is designed to provide an accurate and repeatable precision 5V DC for general use around lab and workshop.

Accuracy over a wide temperature range (10-30C) is achieved using an on-die temperature sensor, microcontroller and high-resolution PWM DAC.

Each **REF50X** is calibrated in-house using a thermal chamber, precision Keysight multimeter and custom software.

Sensitive electronics are coated in silicone to reduce changes due to humidity, and each reference is aged for 100+ hours before final adjustment, the **REF50X** is warranted for calibration for 1 year and against defects for 2 years. Supplied with our Certificate of Calibration. Battery not included.

For more information and to order: www.electron.plus

5V DC PRECISION
REFERENCE

0.01% ACCURACY

WIDE TEMPERATURE
RANGE

TEMPERATURE
COMPENSATED

9V BATTERY
POWERED

LOW COST

INPUT:

9VDC @ 0.012A max
(7-10V operational range)

OUTPUT:

5V* +/- 0.01%
(@ 20°C +/- 10°C, 15-75%RH)
2x 4mm (banana) sockets

**other output voltage versions
available, see website for details*