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*High current, small sized, high reliability...*

## **NIKKOHM INTRODUCES THROUGH-HOLE HIGH PRECISION THIN FILM RESISTORS FOR FRONT END AMPLIFIERS**

Misawa, Japan (1 October 2017) — Nikkohm Co., Ltd. announced a new High Precision Thin Film Resistor with 0.02% tolerance and 2ppm/K TCR achieved by using Nikkohm's state of the art processing capabilities.

RP-45 (300mil), RP-46 (200mil), RP-47 (150mil), RP-48 (100mil) have operating temperature range of -55° to +125°, highest degree of accuracy (0.01%-1ppm) in the resistance range of 100Ω to 20kΩ with E96 resistance value, also less than +/-0.03% shelf life stability, low noise characteristic and linearity. Various combinations of standard TCR - tolerance of this resistor that is 25ppm-0.1%, 5ppm-0.05%, 2ppm-0.02% assist the circuit designers.

Applications include such very small signal front end sensor amplifier as a load cell, a sound navigation system, a medical analytical system, but furthermore economical 0.1% - 25ppm/K precision is useful in common industrial applications that need stable and highly reliable performance over 50 years.

Samples and production quantities of new precision resistor are available now with 6 weeks shipping lead-time, and MOQ is 100pcs.

*To request the electronic image, call +81 176 53 2105, or e-mail: [info@nikkohm.co.jp](mailto:info@nikkohm.co.jp)* Keywords:  
Nikkohm, resistor, precision, small signal, high reliability URL: <http://www.nikkohm.com>