



*For more information, contact:
Shigeru Hidaka, PhD CTO
Nikkohm Co. Ltd.
3-31-2640 Minamicho, Misawa
Aomori 033-0036 JAPAN
+81 176 53 2105
info@nikkohm.co.jp*

Higher power rating, screw mount, high reliability...

NIKKOHM INTRODUCES HIGH VOLTAGE RESISTORS OF 300KV IN AIR, 800KV IN OIL INSULATION

Misawa, Japan (01 November 2017) — Nikkohm Co., Ltd has released Model UT, a cylindrical non-inductive ultra-high voltage resistor. The resistor is a high performance thick film resistor, the terminal metal is an aluminum alloy or bronze cap and standard is M4 to M6 screw connection. The surface can be immersed in insulating oil. The moisture resistance is enhanced by glass coating in standard parts, and conformal coating of epoxy or silicone are also available.

The resistance value can be 1 k Ω to 1 G Ω in standard, optionally, 10 Ω , and to 10 T Ω values are available. The standard resistance tolerance is 1.0% to 10%. The temperature coefficient of the UT resistor is 100 ppm / $^{\circ}$ C in the range of -15 $^{\circ}$ C to + 105 $^{\circ}$ C, the operating temperature range is -55 $^{\circ}$ C to + 225 $^{\circ}$ C, the rated temperature range is -55 $^{\circ}$ C to 50 $^{\circ}$ C.

Applications include ATE (automatic inspection equipment), medical MRI instrument, CT equipment, ion source, corona discharge generator, ozone generator, electron beam generator, gas chromatograph analyzer, radar, laser, plasma generator, high voltage measurement, voltage dividing resistors in high-voltage capacitors, high-voltage damping resistors, high-voltage termination resistors, high-voltage load resistors in microwave generators such as klystrons and magnetrons.

Packaging is bulk packaging in 1 piece, minimum order unit is 1 piece. The shipping lead time for mass production is 6 to 8 weeks.

To request the electronic image, call +81 176 53 2105, or e-mail: info@nikkohm.co.jp

Keywords: Nikkohm, resistor, high voltage, cylindrical resistor, kv resistor, G Ω resistor, ion, corona, plasma, radar, laser, MRI, X ray
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