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

NIKKOHM INTRODUCES 10W POWER PRECISION RESISTORS, FOUR TERMINALS, LOW OHM RESISTORS

Misawa, Japan (01 April 2018) — Nikkohm Co., Ltd focusing on industrial resistor solutions introduced the precision power resistors with four leads, low ohm resistor. The resistor produces by a foil resistor technology, the four terminals structure provides precision current measurements. The screw mount constitutes a device that withstands vibration resistance and mechanical shock, In the case of through hole mount, a strong terminals holds a weight-reduced resistor securely..

Resistance values range from 1 mΩ to 50 Ω, standard resistance tolerance corresponds to 1.0% , optionally 0.5%, 5% available. The temperature coefficient of the RCS2321 resistor is less than 30ppm / ° C between 20 ° C to 60 ° C, the operating temperature range is -55 ° C to + 125 ° C, the rated temperature range is 100 ° C.

Rated power is 3W in through-hole installation and 10W with screw mount on heat sink. The thermal resistance of the resistor which shows the good heat dissipation is 3 ° C / W to 6 ° C / W.

Applications include the power electronics, inverter, power source, ATE (automatic inspection equipment), scientific electronics, medical MRI instrument, CT equipment,.

Packaging is in anti-static PE tube packaging using a moisture resistant PE pack. The shipping lead time for mass production is 6 to 8 weeks.

For inquiries, sample request here ↓

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The keywords are Nikkohm, foil resistor, low ohm resistor, four terminals, screw mounting, 10W power, radial through-hole resistor, industrial resistors, power electronics, measurements, medical equipment.