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

## **NIKKOHM INTRODUCES SURFACE MOUNT POWER FILM RESISTORS FOR POWER ELECTRONICS**

Misawa, Japan (1 September 2017) — Nikkohm Co., Ltd. announced a new small sized SMD power film resistor that has 35W rated power in TO263 (D2PAK) style for such wide applications as pre-charge, bleeder, filter, in-rush current protection, current shunt and microwave termination. Resistance range from 20m $\Omega$  to 510k $\Omega$  provides easy circuit design for high density light weight installation. Operating temperature of -55°C to +175°C and AEC Q200 test certification confirm new RNP 20 series is excellent choice for automotive applications.

The three models RNP-20D (Ni plating flange), RNP-20E (matte tin plating), RNP-20F (matte tin plating) are provided due to differences in surface plating of the metal flanges and differences in such maximum temperature of reflow soldering profiles as RNP-20D for 220°C for hand soldering, RNP-20E for 245°C reflow peak temperature, RNP-20F for 270°C reflow peak temperature however, the three models have same wide resistance range of 20m $\Omega$  to 510k $\Omega$ .

Samples and production quantities of new power film resistor are available now with 6 weeks shipping lead-time and supplies MOQ 100pcs in tube package and 500pcs in tape reel.

**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, power, automotive. URL: <http://www.nikkohm.com>