

PRESS RELEASE

Ultra-stable performance from thin film lead-free chip resistor series

The NTR series of high precision thin film construction chip resistors are now available from NIC Components Corp. Featuring ultra-stable (10PPM ~ 50PPM) resistance value change (TCR) over wide temperature and low noise figure, these resistors are ideal for precision applications, including telecommunications, automotive, medical, audio and test instrumentation.

These high precision, lead-free devices have a resistance value tolerance range of just 0.1% to 0.5%, and a operating temperature range of -55°C to +125°C. These devices have nickel chromium (NiCr) sputtered, thin film resistive element on alumina substrate construction. The wrap-around terminations with nickel barrier and tin finish are compatible with established tin-lead and emerging lead-free soldering processes.

The NTR series is available in case sizes from 0402 to 2512. Resistance values range from 1ohm to 1Mohm, and working voltages from 25V to 150V. Parts are supplied on a 8mm carrier tape for automatic pick and place assembly.

Pricing from \$0.01 ~ 0.08 each in production volumes. Delivery from stock to 8 weeks.

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Data Sheet: <http://www.niccomp.com/Catalog/ntr.pdf>

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