



# NTRM Series

## Metal Thin Film Chip Resistors

The NTRM series is available in a variety of standard sizes, including 0402, 0603, 0805, and 1206. These resistors offer resistance tolerance options down to  $\pm 0.02\%$ , a low TCR options down to  $\pm 5\text{ppm}/^\circ\text{C}$ , and a wide resistance range from  $10\Omega$  to  $5.1\text{M}\Omega$ , ensuring they meet the needs of diverse applications.

Designed to meet the rigorous demands of modern applications, the NTRM series resistors have successfully undergone biased humidity testing at  $85^\circ\text{C} / 85\% \text{RH}$  and high-temperature exposure tests at  $155^\circ\text{C}$ , confirming their robustness in extreme conditions. Standard power derating begins at  $85^\circ\text{C}$ , ensuring reliable performance even under severe stress.

### Series Specifications

<b>Series</b>	NTRM
<b>Upgrade From (Replaces)</b>	NRCW, NTR, NTRA
<b>Sizes</b>	0402, 0603, 0805, 1206
<b>Resistance Range</b>	$10\Omega$ to $5.1\text{M}\Omega$
<b>Tolerance Options</b>	$\pm 0.02\%$ (Q), $\pm 0.05\%$ (A), $\pm 0.1\%$ (B), $\pm 0.5\%$ (D)
<b>TCR Options</b>	$\pm 5$ (S), $\pm 10$ (B), $\pm 25$ (C)

For a full list of part numbers and specifications please refer to the NTRM series page, [www.niccomp.com/series/NTRM](http://www.niccomp.com/series/NTRM)



Scan for more info!

### Features / Benefits / Advantages

- Tight Tolerances: down to  $\pm 0.02\%$  available
- Low TCR: down to  $\pm 5\text{ppm}/^\circ\text{C}$
- Tested under  $85^\circ\text{C} / 85\% \text{RH}$  conditions
- Standard power derating begins at  $85^\circ\text{C}$
- Advanced anti-sulfur capabilities
- AEC-Q200 Compliance

### Applications

- Automotive and Industrial systems
- Telecommunications
- Wearables
- Measurement instrumentations and sensors

