

NIC PRODUCT PROFILE

NRCW series

Power rating upgrade



www.niccomp.com/Catalog/nrcw.pdf
www.niccomp.com/series/NRCW

NIC Components is pleased to announce the addition of higher power rated thick film chip resistors with NRCW series. **Increased power ratings, up to two time standard version ratings**, are offered in 0603 (1/8W), 0805 (1/4W), 1206 (1/2W), 2010 (1W) and 2512 (2W) case sizes. NRCW series covers resistance value range of 1.0 Ω to 1 Meg-Ω in ±1% (F) and ±5% (J) tolerances, in E24 & E96 resistance values.

Stable TCR of 100PPM/°C, over an operating temperature range of -55°C ~ +155°C (with power derating above +70°C), and voltage ratings from 50V to 300V.

An upgrade from standard power rated version thick film chip resistors (NRC series), the NRCW series is ideal for use in wide range of higher power applications, including fixed, portable, handheld and space-saving device applications.

FEATURES

- Double power rating; 0805, 1206 and 2512
- Power ratings to 2W
- Wide resistance range; 1.0 Ω to 1 Meg-Ω
- Stable TCR; 100PPM/°C
- 5 EIA case sizes
- 0603 (1/8W), 0805 (1/4W), 1206 (1/2W), 2010 (1W) & 2512 (2W)

ADVANTAGES:

- Double power rating over NRC series
- 1/8W → 1/4W, 1/4W → 1/2W, 1W → 2W

Co-sell with NIC Products:

- NPIM – Metal Comp Power Inductors
- NPX – X2 Safety Capacitors
- NCSS – Current Sensing Resistors
- NMC – High Cap X5R & X7R MLCCs

Applications:

- General Purpose
- Lighting
- Power supplies & Modules
- Security & Alarm
- Appliances
- Industrial Equipment
- Office Equipment
- POS Equipment
- Telecom Equipment

Cross & Replace

Competitor	Series
KOA	RK73B, RK73H
ROHM	MCR
SEI	RMC, RHC
VISHAY	CRCW - HP
YAGEO	RC

