

NTRT Series

Tantalum Nitride High Precision Thin Film Chip Resistors

NIC Components thin film resistors are suggested for applications that require high stability, high accuracy, or low noise. In an industry where technological advancements drive demands for high-precision resistors across critical sectors like automotive, EV charging, industrial robotics, and IoT systems, NIC has introduced specialized thin films to surmount these challenges.

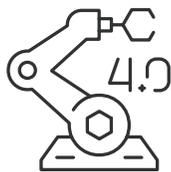
NIC's NTRT tantalum nitride thin film resistors feature a moisture impervious barrier layer that can withstand high stability in extremely humid environments. This robust performance is an ideal choice for a wide range of applications requiring precision resistance with long term stability and reliability. Resistance values range from 10Ω ~ 1MΩ with an operating temperature range of -55°C ~ +155°C..

Type	EIA Size	Power Rating	Resistance Tolerances	Temperature Coefficient	Resistance Range
NTRT04	0402	1/16 W	±0.05% ±0.1% ±0.25% ±0.5% ±1%	±10 ppm/°C ±15 ppm/°C ±25 ppm/°C ±50 ppm/°C	10Ω ~ 1MΩ
NTRT06	0603	1/6 W			
NTRT10	0805	1/5 W			
NTRT12	1206	1/2 W			

Applications: Together with NICs automotive product lineup including Antennas, Aluminum Electrolytic Capacitors, MLCCs, ferrite beads, and Inductors the NTRT is suggested for applications including Automotive, Medical Equipment, Testing / Measurement Equipment, Automatic Equipment Controller, Converters, and Communication Devices.



DIAL



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