

UNS SERIES

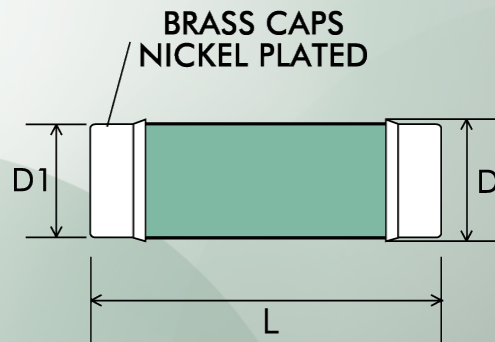
NOISE SUPPRESSOR RESISTORS

AEC-Q200 • RoHS



FEATURES

- Noise suppressor wire wound resistor
- Reduces RFI during electrical discharges on petrol engines in cars and in scooters/motorcycles.



MECHANICAL SPECIFICATION

URT Type	Resistance Value	L (+/-0.3) (mm)	D (max) (mm)	D1 (+/-0.1) (mm)	Typical Inductance (at freq. 1 Mhz)
UNS 5K0	5K0	18.0	4.65	4.35	MIN 15 μ H
UNS 1K125	1K125	18.0	4.65	4.35	MIN 15 μ H
UNS 1K125 (24)	1K125	23.7	4.65	4.35	MIN 15 μ H
UNS 10K	10K	18.0	4.65	4.35	MIN 15 μ H
UNS 7K5	7K5	18.0	4.65	4.35	MIN 15 μ H
UNS1K0	1K0	18.0	4.65	4.35	MIN 15 μ H



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PERFORMANCE REQUIREMENTS

PARAMETER / PERFORMANCE TEST & TEST METHOD	PERFORMANCE REQUIREMENTS
Short Term Overload: 5 x Rated Power for 5 sec	ΔR – MAX 2%
Operating Temperature Range	-40°C to 220°C
Temperature Co-efficient (Typical)	± 150 ppm / °C
High Voltage Pulses At High Frequency: (15 kv to 20 kv continuous pulses – 0.1 sec ON & 0.1sec OFF in series with spark plug – duration 3 hrs.)	ΔR – MAX 1% (Typical)

TYPICAL APPLICATIONS

The UNS series has been developed to be introduced in automotive ignition systems to reduce Radio Frequency Interference (RFI), which are caused during electrical discharges on petrol engines in both cars and motorcycles. In order to meet the current legislation in force to reduce these disturbances, the introduction of these Noise Suppressor resistors in the rotor of the distributor or the spark plug leads can ensure compliance.

Marking : NO MARKING

PACKING : 2000 pcs / small box of approx size 200 mm x 150 mm x 70 mm.

ORDERING INFORMATION

Series	HTR Type	Packing	Resistance Value	Tolerance
UNS	UNS5K0	Bulk	5K0	5% - 10% - 20%

