

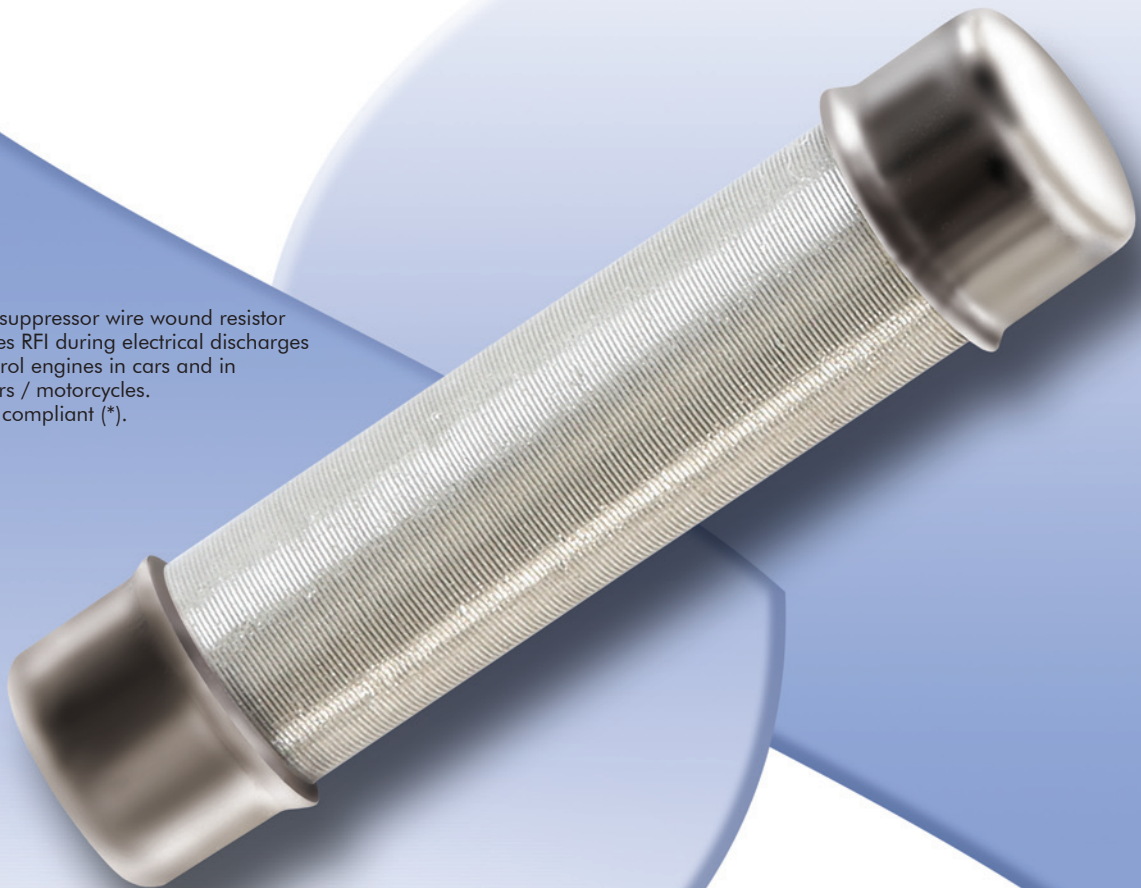


1K125* (24)
1K125*
5K0*
10K*
7K5*
(All in tolerances of
20%, 10% & 5%)

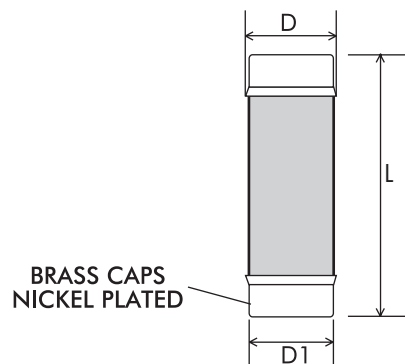
HANS

SERIES
NOISE SUPPRESSOR RESISTORS

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



MECHANICAL SPECIFICATION



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

ELECTRICAL SPECIFICATION

| | | |
|---------------|---|---|
| Nominal Value | : | NS 5K0* - 5K0 NS 1K125* - 1K125 NS 1K125*(24) - 1K125 NS 10K* - 10K NS 7K5* - 7K5 |
| Tolerance: | | $\pm 20\%$ / $\pm 10\%$ / $\pm 5\%$ |



2. PERFORMANCE REQUIREMENTS

| PARAMETER | 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 & 0.1 sec OFF in series with spark plug – duration 3 hrs.) | ΔR – MAX 1% (Typical) |

TYPICAL APPLICATIONS :

The HANS 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 | RoHS Compliance | Type | Tolerance |
|--------|-----------------|---------|-----------|
| HANS | * | NS 5K0* | 10% |