

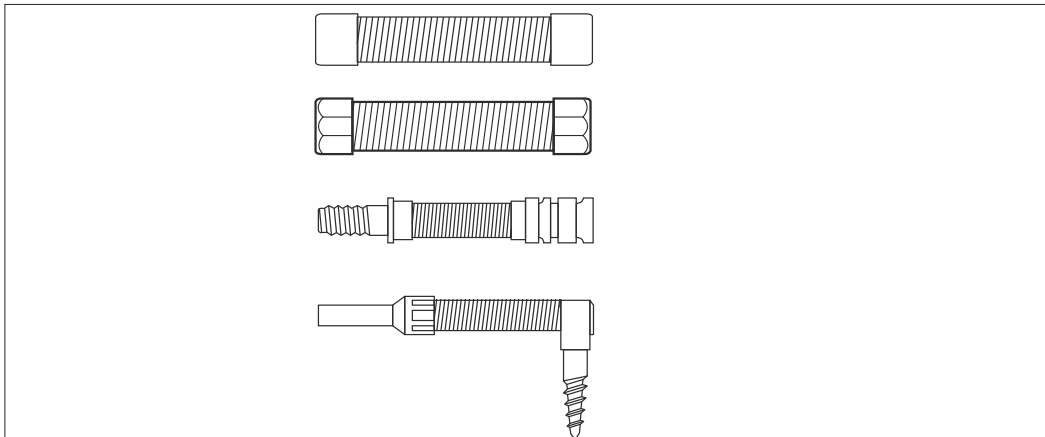


The resistor element is a resistive wire, which is wound in a single layer on a fiberglass core. Metallic caps or electrodes are fixed to the ends of the resistive core, following the specific ignition system characteristics. A coating protects the resistive element against moisture and mechanical shock, plus is able to withstand high temperatures. These products can be molded with epoxy resin, thermoplastic or thermo set materials.

## ● Features

- Ideal for reducing RFI during electrical discharges on gasoline engines.
- Variety of resistance and inductance values available.
- Special design of electrical contacts upon request.
- Capability to withstand high voltage pulses at high frequency.

## ● With Caps



## ● Ordering Information

Example:

NSS	Special	K	15KR
(1)	(2)	(3)	(4)
Series Name	(2digits)	Resistance Tolerance	Resistance

(1)Type: NSS01,NSS0A SERIES

(2)01=standard caps/electrodes,0A=Crimped capsS

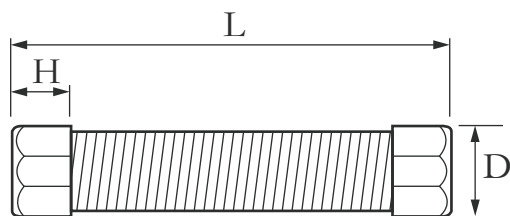
(3)Tolerance:  $\pm 10\%$ ,  $\pm 15\%$ ,  $\pm 20\%$

(4)Resistance Value:15KR0=15K $\Omega$

## ● Reference Standards

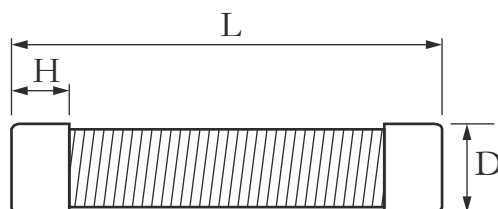
JISC 5201-1

## Electrical and Dimensional Data in inches [millimeters]



Type	Power (W)	Dimensions			Inductance TypicalL	Temperature Coefficient	Operating Temperature Range	Resistance range( $\Omega$ )
		L	D	H				
NSS01	1.0	0.47 [11.9]	0.171 [4.35]	0.112 [2.85]	10 $\mu$ H-20 $\mu$ H	$\pm$ 250ppm/ $^{\circ}$ C	-40 $^{\circ}$ C to + 180 $^{\circ}$ C	1K $\Omega$ ~10K $\Omega$
NSS02	1.5	0.53 [13.5]	0.171 [4.35]	0.112 [2.85]				
NSS03	2.0	0.66 [16.8]	0.124 [3.15]	0.094 [2.40]				
NSS04	2.5	0.79 [20.0]	0.153 [3.88]	0.112 [2.85]				
NSS05	3.0	0.79 [20.0]	0.153 [3.88]	0.112 [2.85]				
NSS06	3.5 A	0.93 [23.7]	0.153 [3.88]	0.112 [2.85]				
	3.5 B	1.08 [27.3]	0.153 [3.88]	0.112 [2.85]				
NSS07	4.0 A	1.02 [26.0]	0.153 [3.88]	0.112 [2.85]				
	4.0 B	0.93 [23.7]	0.153 [3.88]	0.112 [2.85]				
NSS08	4.5	1.08 [27.3]	0.15 [3.82]	0.112 [2.85]				

## Electrical and Dimensional Data in inches [millimeters]



Type	Power (W)	Dimensions			Inductance TypicalL	Temperature Coefficient	Operating Temperature Range	Resistance range( $\Omega$ )
		L	D	H				
NSS0A	1.0	0.47 [11.9]	0.171 [4.35]	0.112 [2.85]	10 $\mu$ H-20 $\mu$ H	$\pm$ 250ppm/ $^{\circ}$ C	-40 $^{\circ}$ C to + 180 $^{\circ}$ C	1K $\Omega$ ~10K $\Omega$
NSS0B	1.5	0.53 [13.5]	0.171 [4.35]	0.112 [2.85]				
NSS0C	2.5	0.66 [16.8]	0.187 [4.75]	0.094 [2.40]				
NSS0D	3.0	0.79 [20.0]	0.187 [4.75]	0.112 [2.85]				
NSS0E	3.5 A	0.93 [23.7]	0.187 [4.75]	0.112 [2.85]				
	3.5 B	0.79 [20.0]	0.187 [4.75]	0.112 [2.85]				
NSS0F	4.0 A	0.93 [23.7]	0.187 [4.75]	0.112 [2.85]				
	4.0 B	1.02 [26.0]	0.187 [4.75]	0.112 [2.85]				
NSS0G	4.5	1.08 [27.3]	0.187 [4.75]	0.112 [2.85]				