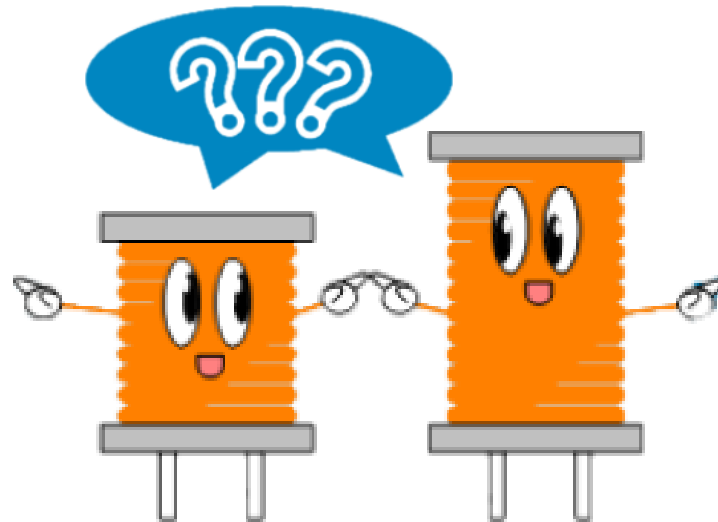


Dear Rookie of the Coil

Chapter 2 Coil's Functions 【Noise Removal】



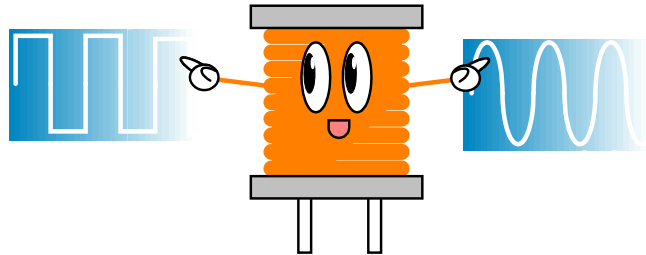
SAGAMI ELEC CO., LTD.

Coil's Functions "Noise Removal"

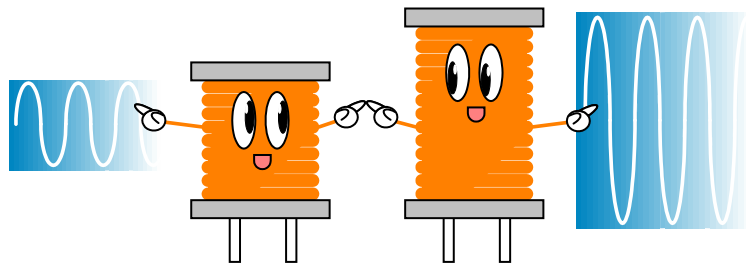
In general, The Coil has mainly 4 Functions.

We will explain about one of functions "Noise Removal" in this time.

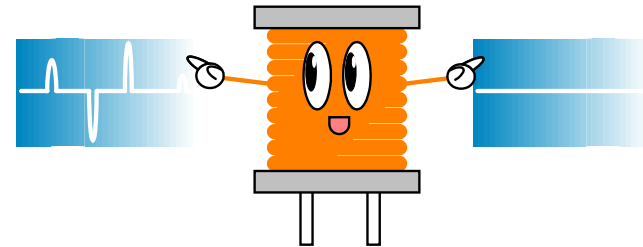
Noise Removal



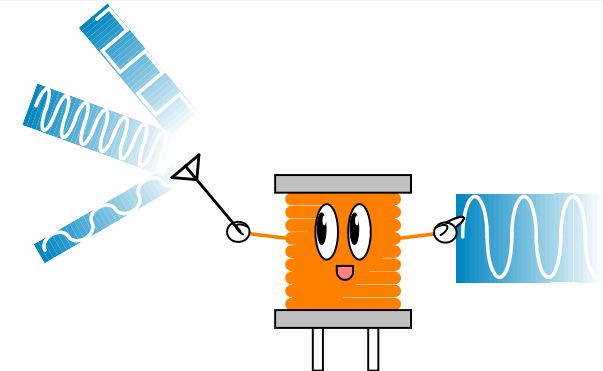
Voltage Conversion



Filtering

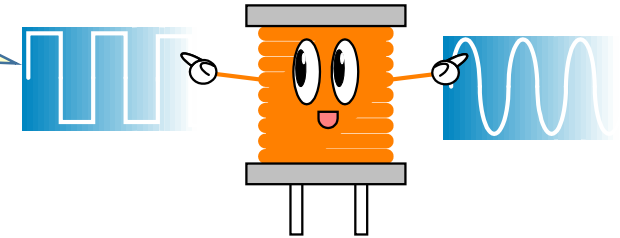


Radio Wave
Transmission and Reception



Coil's Functions "Noise Removal"

I'll remove the Noise,
every time.



What is the **Noise** ?

Negative factors that prevent the desired signal(information) to be transmitted accurately.

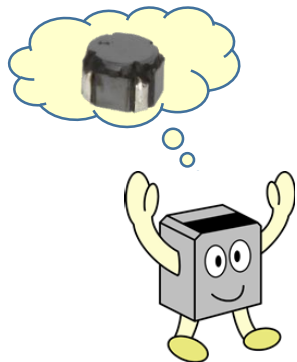
There are 2 Signals "Information" for electricity.

The Signal that you is necessary, or that is unnecessary and harmful.

We called latter meaning "the Noise" in this case.

Ex) One of harsh-sounding on a radio program.

Fuzzy reception on a TV.

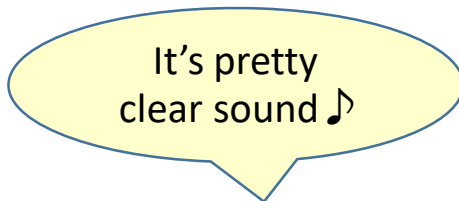


Coil's Functions "Noise Removal"

The Noise affects the other parts.
And unfortunately it causes some trouble...

Ex) LED Headlights for Automotive

When you turn on the headlights, the noise is happening, and then it affects on the radio reception.



The Coil prevents the noise from affecting the radio reception.

This is one of advantage by Coil's Functions.

