

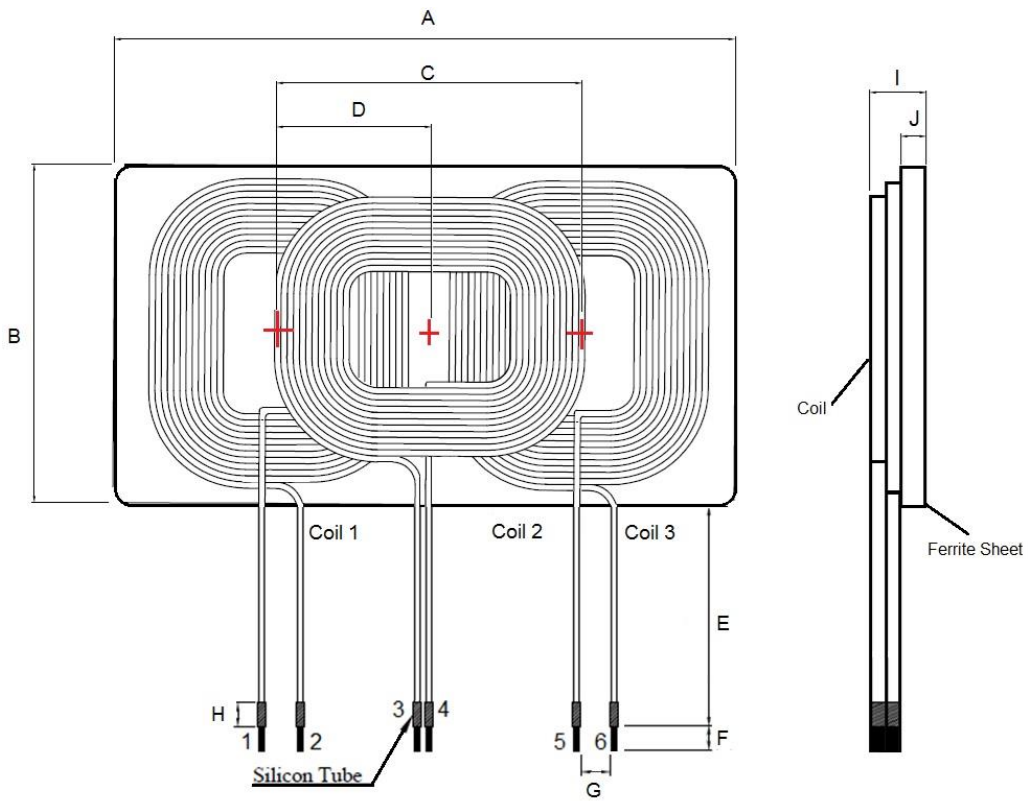
## 1. Part No. Expression:

**STX106530612R5KTA**

(a)            (b)            (c)    (d) (e)

- a) Series Code                      d) Tolerance Code
- b) Dimension Code                e) Internal Code
- c) Inductance Code

## 2. Configuration & Dimensions: (Unit-mm)



### Note:

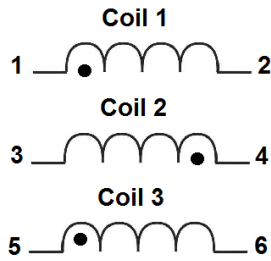
- Pin 1, 4, & 5: Red Silicon Tube
- Pin 2, 3, & 6: Black Silicon Tube

A	B	C	D	E	F	G	H
106.0±1.	53.0±0.5	49.2±4.0	24.6±2.0	20.0±2.0	5.0±1.0	5.0 Ref.	5.0±1.0
I	J						
6.0 Max.	2.5±0.5						

NOTE: Specifications subject to change without notice. Please check our website for latest information.



**3. Schematic**



**4. Electrical Characteristics**

Coil 1 and 3:

Inductance (uH)	Test Frequency (Hz)	DCR (mΩ)	DCR (mΩ)	I <sub>rms</sub> (mA)
12.5±10%	1V/100K	60 Typ.	80 Max.	6500 Max.

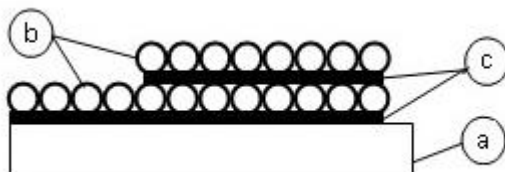
Coil 2:

Inductance (uH)	Test Frequency (Hz)	DCR (mΩ)	DCR (mΩ)	I <sub>rms</sub> (mA)
11.5±10%	1V/100K	60 Typ.	80 Max.	6500 Max.

**5. General Specification:**

- a) Operating Temp: -40°C ~ +85°C
- b) Storage Temp: -40°C ~ +85°C (packaging)
- c) I<sub>rms</sub>: Based on temp. rise up to 40°C Max.
- d) Power Rating: 15W
- e) Compatible to Qi standard MP-A13 design.

**6. Material List:**



- (a) Ferrite Sheet (MnZn)
- (b) Wire
- (c) Adhesive

NOTE: Specifications subject to change without notice. Please check our website for latest information.