

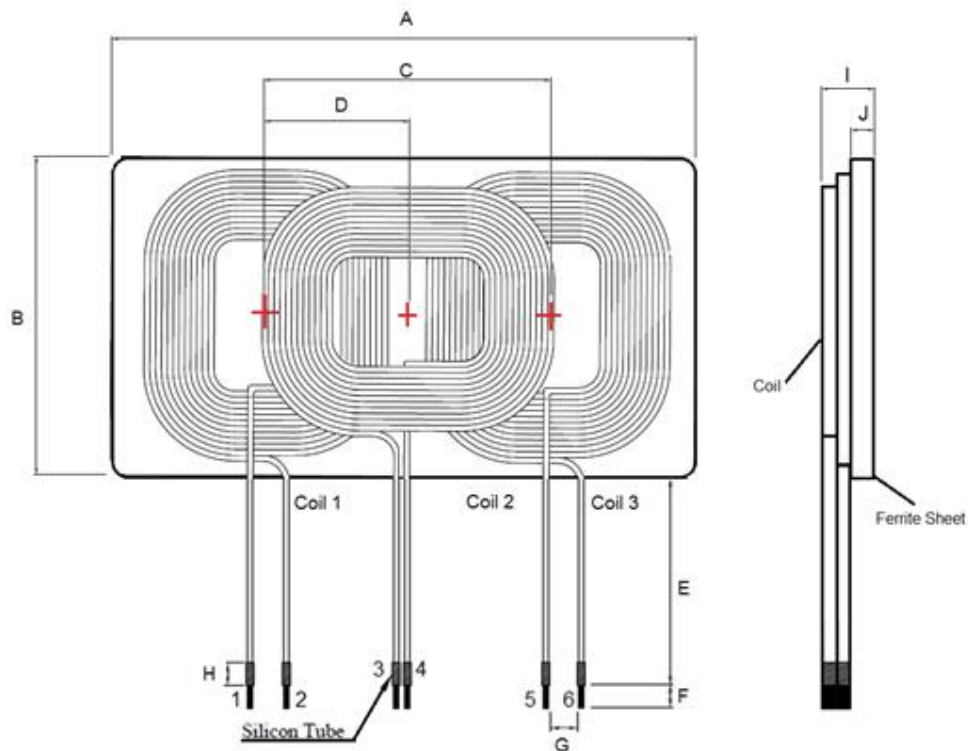
1. Part No. Expression

S T X 1 0 6 5 3 0 6 1 2 R 5 K T

(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)



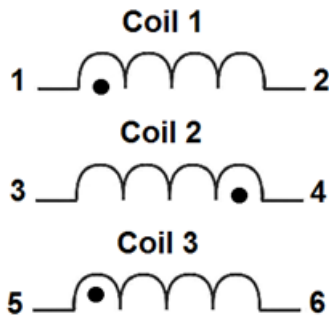
Note:

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

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

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

3. Schematic:



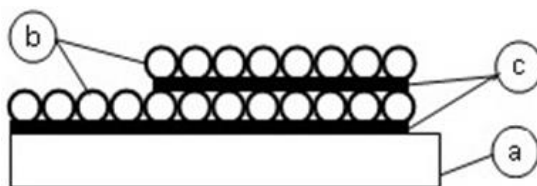
4. Electrical Characteristics

Inductance (uH) ±10%		Test Frequency	DCR (mΩ)		I _{rms} (A)
Coil 1 and 3	Coil 2		Typ	Max	
12.5	11.5	1V/100KHz	60	80	6.5

5. General Specification

- (a) Operating Temp.: -40°C to +85°C
- (b) Storage Temp.: -40°C to +85°C (Packaging)
- (c) Heat Rated Current (I_{rms}) will cause the coil temperature rise ΔT of 40°C Max.
- (d) Power Rating: 5W~15W
- (e) Compliance to Qi standard A6 and MP-A13 design.

6. Material List



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

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