

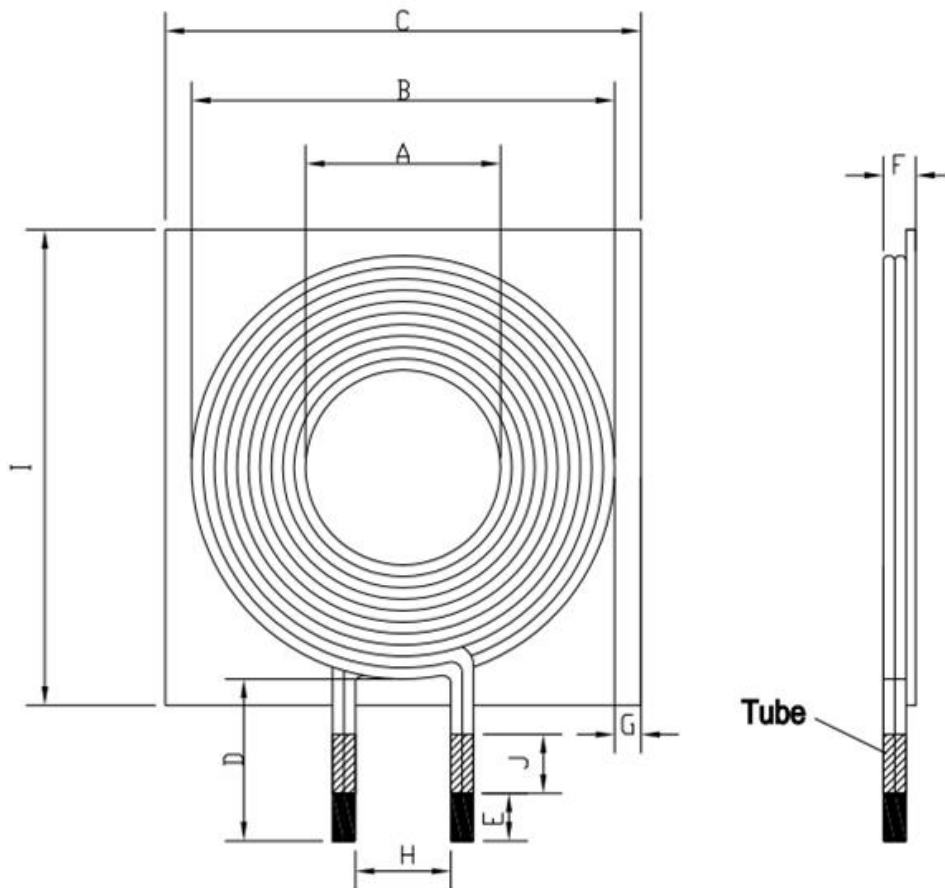
1. Part No. Expression

STX5050046R3KA11D

(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)



A	B	C	D	E
20.5±0.5	44.0±1.5	50.0±0.6	17.0±2.0	5.0±2.0
F	G	H	I	J
4.0 Max	2.0 Min	10.0 Ref	50.0±0.6	8.0 Ref

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

3. Schematic:



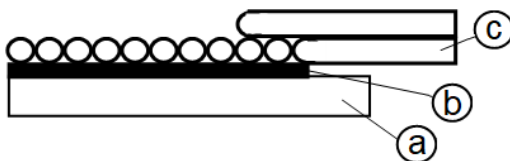
4. Electrical Characteristics

Inductance (μH) $\pm 10\%$	Test Frequency	DCR ($\text{m}\Omega$) Max	I _{rms} (mA) Max
6.3	1V/100KHz	25	10000

5. General Specification

- (a) Operating Temp.: -40°C to $+85^{\circ}\text{C}$
- (b) Storage Temp.: -40°C to $+85^{\circ}\text{C}$ (Packaging)
- (c) Heat Rated Current (I_{rms}) will cause the coil temperature rise ΔT of 40°C Max.
- (d) Power Rating: 5W
- (e) Compatible to Qi standard A11 design.

6. Material List



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

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