

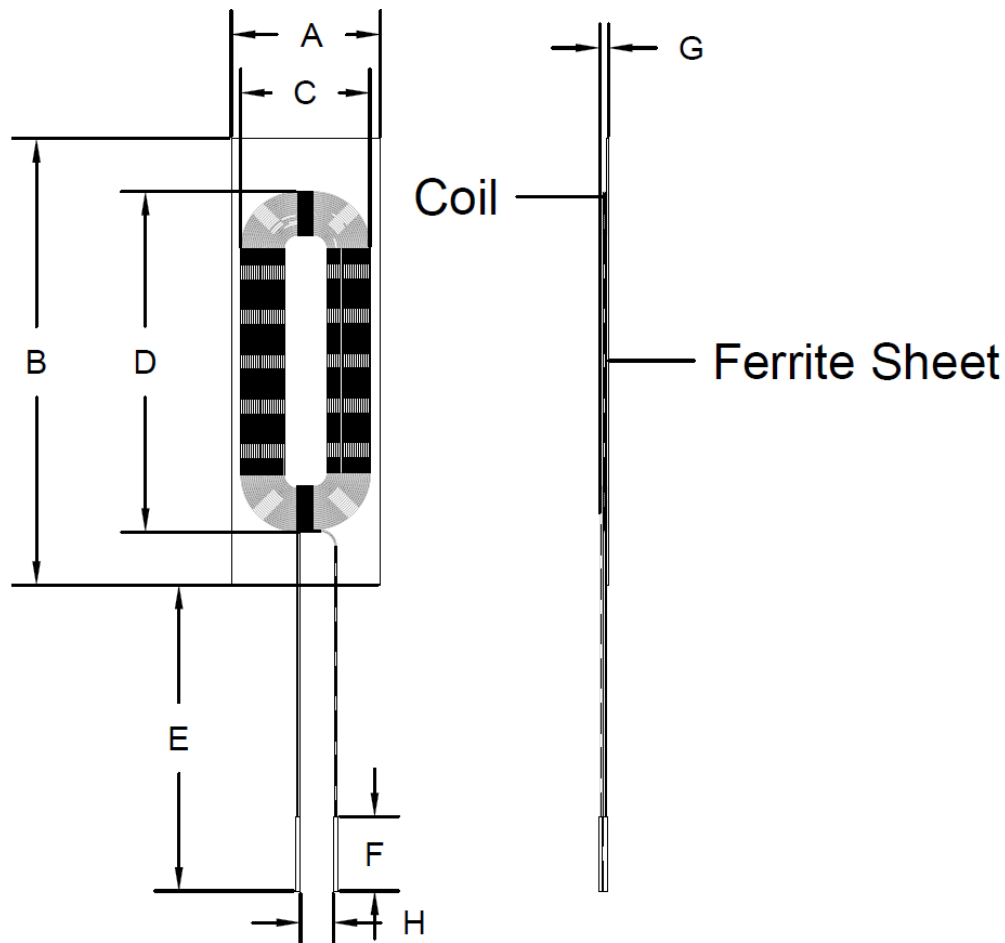
## 1. Part No. Expression:

**S R X 1 0 3 0 0 1 1 2 R 8 K B**

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

- |                     |                    |
|---------------------|--------------------|
| (a) Series Code     | (d) Tolerance Code |
| (b) Dimension Code  | (e) Winding Code   |
| (c) Inductance Code |                    |

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



| A        | B        | C       | D        | E        | F       | G       | H       |
|----------|----------|---------|----------|----------|---------|---------|---------|
| 10.0±0.5 | 30.0±0.5 | 9.5 Ref | 23.0 Ref | 20.0±2.0 | 5.0±2.0 | 1.0 Max | 5.0 Ref |

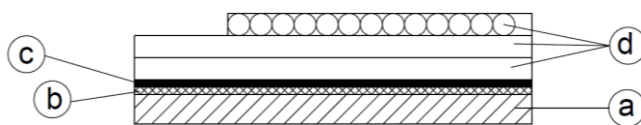
NOTE: Specifications subject to change without notice. Please check our website for latest information.

**3. Schematic:****4. Electrical Characteristics:**

| Inductance (uH) | Test Frequency (Hz) | DCR (mΩ) | Irms (mA) |
|-----------------|---------------------|----------|-----------|
| 12.8±10%        | 1V/100K             | 780 Max  | 800 Max   |

**5. General Specification:**

- (a) Operating Temp.: -40°C ~ +85°C
- (b) Storage Temp.: -40°C ~ +85°C (packaging)
- (c) Irms: Based on temp. rise up to 40°C Max.
- (d) Power Rating: 3.5W

**6. Material List:**

- (a) Ferrite Sheet (Nano Crystalline)
- (b) PET Film
- (c) Adhesive
- (d) Wire

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