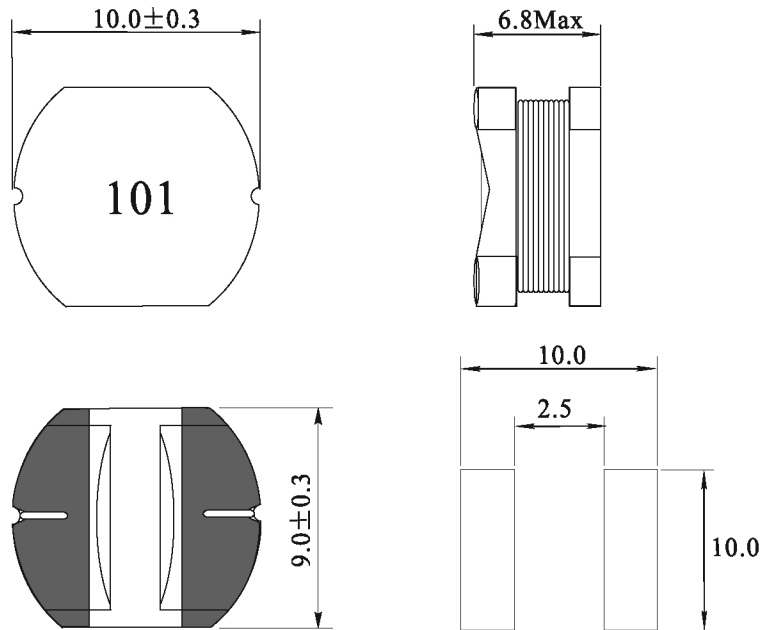
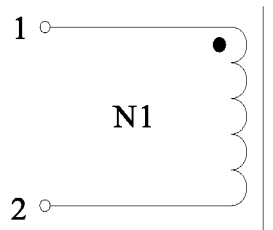


1. PHYSICAL CHARACTERISTICS (mm)



2. ELECTRICAL SCHEMATIC



3. ELECTRICAL SPECIFICATIONS

L: $100 \mu\text{H} \pm 10\%$ @ 1.0 KHz, 0.1 V

Q: 15 Ref @ 0.796 MHz

DCR: 0.35Ω Max

Isat: 1.7 A Max (Inductance drop 10% Max)

Irms: 0.97 A Max (Temp. rise 40°C Max)

SRF: 5.2 MHz Min

Operating temperature: -40°C to $+125^\circ\text{C}$
(Including temp. rise 40°C)

Storage temperature: -40°C to $+125^\circ\text{C}$

Test Instrument:

L: HP4284A

RDC: HM2540

Note:

1. Solderability: leads shall meet MIL-STD-202,

Method 208D for solderability.

2. Flammability: UL94V-0

3. ASTM oxygen index: $>28\%$