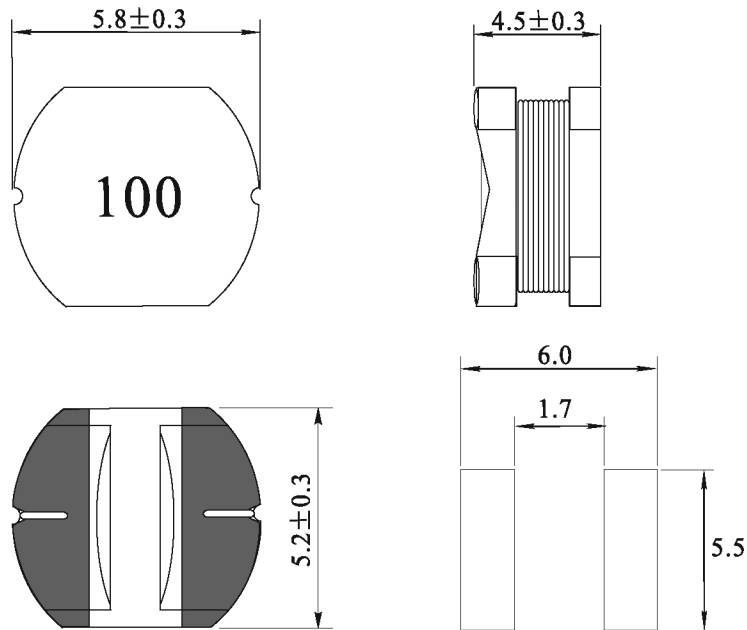
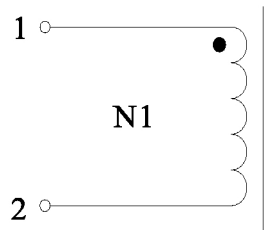


1. PHYSICAL CHARACTERISTICS(mm)



2. ELECTRONICAL SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

L: $10\mu\text{H} \pm 20\%$ @100KHz, 0.1 V

DCR: $100\text{m}\Omega$ Max

Q: 30Ref@2.52MHz

Isat: 2.0A Max(Inductance drop 10% Max)

Irms: 1.45A Max(Temp. rise 40°C Max)

SRF: 23MHz Min

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

Storage temperature: -40°C to $+85^\circ\text{C}$

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: $>28\%$