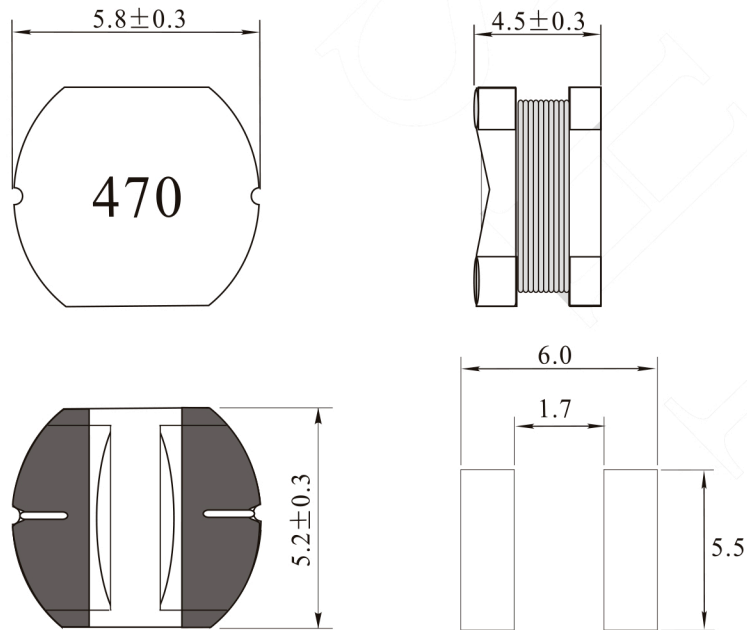
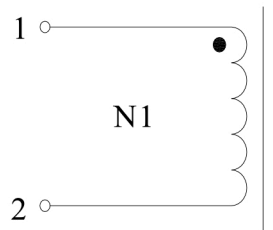


1. PHYSICAL CHARACTERISTICS(mm)



2. ELECTRONICAL SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

L: $47\mu\text{H} \pm 10\%$ @100KHz, 0.1V

DCR: $0.37\ \Omega$ Max

Q: 22Ref@2.52MHz

Isat: 1.0A Max(Inductance drop 10% Max)

Irms: 0.72A Max(Temp. rise 40°C Max)

SRF: 12MHz Min

Operating temperature: -40°C to +125°C
(Including temp. rise 40°C)

Storage temperature: -40°C to +85°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: $>28\%$